



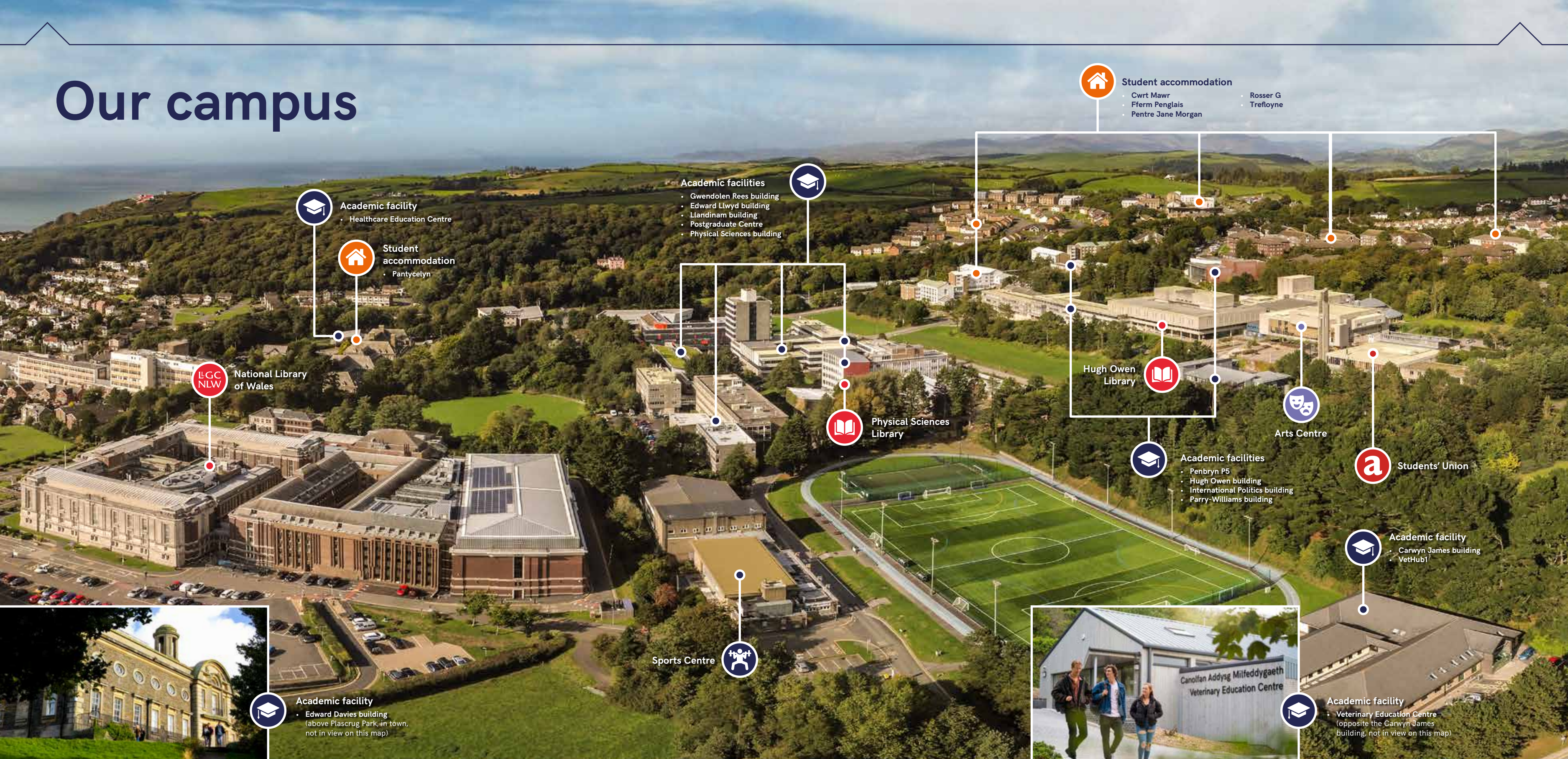
PRIFYSGOL  
**ABERYSTWYTH**  
UNIVERSITY

# This is your place

## Postgraduate Prospectus 2025



# Our campus



**Academic facility**

- Healthcare Education Centre



**Student accommodation**

- Pantycelyn



**National Library of Wales**



**Academic facilities**

- Gwendolen Rees building
- Edward Llwyd building
- Llandinam building
- Postgraduate Centre
- Physical Sciences building



**Student accommodation**

- Cwrt Mawr
- Fferm Penglais
- Pentre Jane Morgan
- Rosser G
- Trefloyne



**Physical Sciences Library**



**Hugh Owen Library**



**Arts Centre**



**Academic facilities**

- Penbryn P5
- Hugh Owen building
- International Politics building
- Parry-Williams building



**Students' Union**



**Academic facility**

- Carwyn James building
- VetHub1



**Sports Centre**



**Academic facility**

- Edward Davies building (above Plascrug Park, in town, not in view on this map)



**Academic facility**

- Veterinary Education Centre (opposite the Carwyn James building, not in view on this map)



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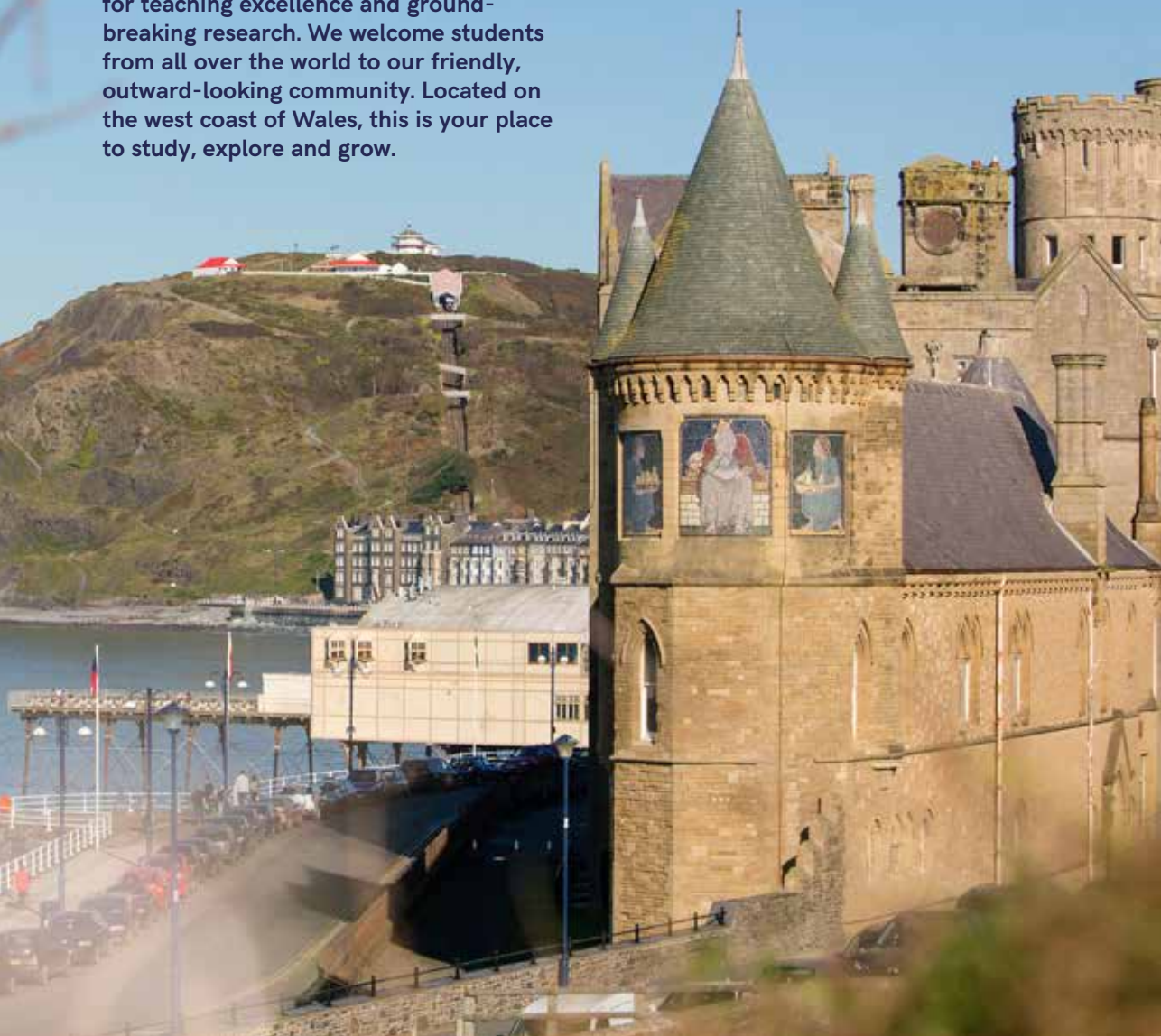
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# Why choose Aberystwyth University?

Since 1872, we've built a global reputation for teaching excellence and ground-breaking research. We welcome students from all over the world to our friendly, outward-looking community. Located on the west coast of Wales, this is your place to study, explore and grow.



**Top in England and Wales** for Student Experience  
(Good University Guide, The Times and Sunday Times 2025)

**Welsh University of the year**  
(Good University Guide, The Times and Sunday Times 2024)

**Top in Wales and 2nd in the UK** for Student Experience  
(Good University Guide, The Times and Sunday Times 2024)

**Top in Wales and 3rd in the UK** for Teaching Quality  
(Good University Guide, The Times and Sunday Times 2024)



**Top in Wales** for Student Satisfaction  
(National Student Survey 2024)

**Top in Wales and Top 10 in the UK** for Academic Support, Organisation and Management, and Learning Resources  
(National Student Survey 2024)

**Top 10 in the UK** for Learning Opportunities  
(National Student Survey 2024)



**Our research has national and international impact**

98% of research at Aberystwyth University is of an internationally recognised standard or higher.

(Research Excellence Framework 2021)



**Top in the UK** for Lecturers and Teaching Quality  
(WhatUni? Student Choice Awards 2023)

**Top in the UK** for Student Life  
(WhatUni? Student Choice Awards 2023)

**Top 3** for University of the Year  
(WhatUni? Student Choice Awards 2023)

**Top 5** for Facilities  
(WhatUni? Student Choice Awards 2023)

**Top 5** for Halls and Student Accommodation  
(WhatUni? Student Choice Awards 2023)



**We are an international university**, with students from more than 100 countries.



**We have a dedicated residence for postgraduates on campus**

Our accommodation also includes Platinum gym membership which gives you access to our Sports Centre facilities and classes for free.



**Enrich your studies**

Boost your degree with our free Lifelong Learning courses. Pursue an interest, learn a language or enhance your professional development.



**Supporting our students**

Our Student Support team can help you with accessibility and inclusion, student wellbeing, careers advice, visa support, and student finance.



**Stunning study location**

Located on the west coast of Wales, between the Cambrian mountains and the sea, Aberystwyth offers the perfect location in which to live and learn.

# Welcome

As you consider your next steps in education, I hope this prospectus gives you an idea of the wealth of opportunities available at Aberystwyth University. As a former postgraduate student here, I know first-hand the benefits of further study. We offer a range of both taught and research courses that will develop your learning, underpin your professional and academic experience, and empower you to achieve your ambitions and make an impact in your career.



If you decide to study here, you will become part of an academic community that is committed to addressing some of the world's most pressing challenges. The most recent Research Excellence Framework identified 98% of our research as being of an internationally recognised standard or higher, and our postgraduate courses are led by academic experts at the forefront of discovery. As a postgraduate student here, you will contribute to an environment of innovation and impact.

In addition to excelling in both teaching and research, the University is committed to providing an excellent student experience, and our students are some of the most satisfied in the UK. Our location means Aberystwyth is an excellent choice for individuals interested in outdoor activities, and our friendly and diverse town welcomes students from across the world, inviting them to settle here and make Aberystwyth their home.

Whilst our prospectus will give you an insight into what Aberystwyth has to offer, I hope you also consider visiting the campus and your department of interest. Our Open Days and Postgraduate Study Fair will give you a chance to speak with staff and students, learn more about our facilities, and get a greater sense as to whether postgraduate study here is right for you. Please also get in touch if you have any questions.

Best wishes with your decision-making, and I really hope to welcome you to our thriving postgraduate community soon.

**Professor Jon Timmis**  
Vice-Chancellor

# Why study a postgraduate course?

Whether you're looking to boost your prospects after graduation, change direction to follow a new career path or make sure you get ahead of the competition in a challenging jobs market, a postgraduate course can help you achieve your goals.

**Our postgraduate courses enable you to gain the skills, knowledge and expertise you need to really stand out from the crowd.**

## Enhance your career prospects

Undertaking a postgraduate course is one of the most effective ways to advance your career to a higher level. The variety of skills and expertise gained from your course can significantly improve your job prospects, maximise your chance of securing work in a specific field and increase your earning potential.

Employers often entrust their postgraduate-qualified staff with greater responsibilities, and in some fields, a postgraduate qualification is the only route into certain stages of a career, especially in academia.

## Achieve professional accreditation

If you need to gain professional accreditation to reach the next stage of your career, a postgraduate course can help you achieve this. We offer a variety of courses leading to professional accreditation, some of which can be studied part-time alongside your employment.

## Change your career path with our postgraduate courses

If you've decided to pursue a career in a field that is different to your undergraduate degree, a postgraduate course could allow you to upskill and change paths. Additionally, not having a first degree need not be a barrier to postgraduate study as non-graduates will be considered individually based on relevant work experience.

## Further explore a subject you are passionate about

If you're coming to the end of your undergraduate studies but you still have the desire to learn or carry out research, a postgraduate course can satisfy your intellectual curiosity by allowing you to explore a subject in more depth.

## Develop expert knowledge in a specialist area

Postgraduate study gives you the chance to really specialise in your field and advance your knowledge of a particular subject area.

**98%** of our postgraduate leavers are in employment, study and/or other activities, 15 months after the end of their course.

(HESA 2021/22 Graduate Outcomes, published in 2024).

# This is your place to master your future

Since 1872, we have built a global reputation for teaching excellence and ground-breaking research. Today, we are home to students from all over the world. We pride ourselves on our welcome and inclusivity, while at the same time being a university rooted in excellence and research.



Our Gogerddan campus is home to the National Plant Phenomics Centre (NPPC), which uses innovative technologies to measure plant performance and physiology at different scales.

It's also home to AberInnovation, which offers world-leading facilities and expertise within biotechnology, agri-tech, and the food and drink sectors, providing an ideal environment for industrial and academic collaboration to flourish.



The National Library of Wales, one of only five copyright libraries in the UK, lies adjacent to Penglais campus, providing a vast treasure trove for research and discovery, and an invaluable resource for students.



The iconic Old College is currently being transformed into a major centre for learning, heritage, culture and enterprise.

# Explore Aberystwyth

**Aberystwyth is the perfect place to study. The town is only a short walk downhill from Penglais campus, which brings everything you need for student life together in one place, all with a view of the historic seaside town.**

Aberystwyth town is a small but lively place to eat, socialise and shop. Many independent businesses give the town a character of its own. Aberystwyth has a diverse range of cafes, restaurants and bars within walking distance of each other. It was the first town in Wales to be awarded the Purple Flag for a welcoming and safe nightlife.

The 2km **Victorian promenade** is perfect for a stroll or jog. Make sure you 'kick the bar' at the northernmost point of the prom, a tradition dating back more than 100 years.

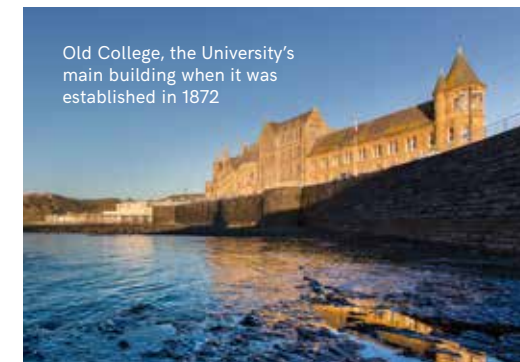
Aberystwyth has three beautiful **beaches**, where you can take a refreshing dip in the sea, watch for dolphins or simply relax.

**Constitution Hill** ('Consti' as it's known to locals) gives you a view of the seafront you will never forget. Get your exercise walking up the path or take a more leisurely trip on the cliff railway.

Between the 19th century **Royal Pier** (renowned for the murmurations of starlings at dusk) and the 12th century medieval **castle** sits **Old College**, a Grade 1 architectural landmark and home of the first University College of Wales. This iconic building is currently being transformed into a major cultural and creative centre for Wales.

The **National Library of Wales**, which holds more than 6.5 million books and periodicals and the largest collections of archives, portraits, maps and photographic images in the country, provides a vast treasure trove for research and discovery.

Nestled between the Cambrian Mountains and Cardigan Bay, Aberystwyth provides a rugged landscape of rolling hills, valleys, sand and sea, giving you easy access to woodland treks, wild swims and coastal walks on the Wales Coast Path. The famous National Parks of Eryri (Snowdonia), the Pembrokeshire Coast and Bannau Brycheiniog (Brecon Beacons) are all within travelling distance and worth a visit.



Old College, the University's main building when it was established in 1872



The National Library of Wales



Aberystwyth Castle



The Royal Pier

# Our Graduate School

**The Graduate School will support all aspects of your time at Aberystwyth University and enhance your experience as a postgraduate student.**

## Careers Enhancement Programme

This programme offers a range of public engagement, commercial and volunteer opportunities to connect your studies with external organisations and provide links with employers.

## Teaching Support Programme

Teaching for Postgraduates at Aberystwyth University (TPAU) is a bespoke scheme offering training in a range of teaching skills to postgraduate students who contribute to teaching within the University. It can lead to you becoming an Associate Fellow of the Higher Education Academy (AFHEA), which is recognised within the Higher Education sector as a measure of professional practice.

## Researcher Development Programme

This programme fulfils various aspects of the Vitae Researcher Development Framework to help you develop your research skills through a series of generic and subject-specific modules. It plays an essential part in creating and sustaining an advanced research community at Aberystwyth by addressing the needs of researchers in the modern academic environment and preparing them for their future careers.

## Studentships

Through our involvement in a number of UK Research and Innovation funded doctoral training collaborations, we are able to offer a number of full studentships, including our AberDoc Scholarships.

## AberDoc Scholarships

These prestigious scholarships are awarded through a competitive process to PhD candidates in any discipline who display academic excellence. The scholarships cover their tuition fees for their period of registration.

These awards are tailored to enable students to develop the necessary skills required to meet their career choices, and offer a breadth of development opportunities to enhance their research, teaching and transferable skills.

## AberGrad Scholarship

A tuition fee discount is available to Aberystwyth graduates embarking on a postgraduate taught degree with us.

## Dedicated Postgraduate Centre

Located in the Llandinam building, this high-class facility offers quiet study spaces for postgraduates (both open-plan and private cubicles), computers, lockers for personal use, a seminar room equipped with visual display facilities, and a social lounge and kitchen area.

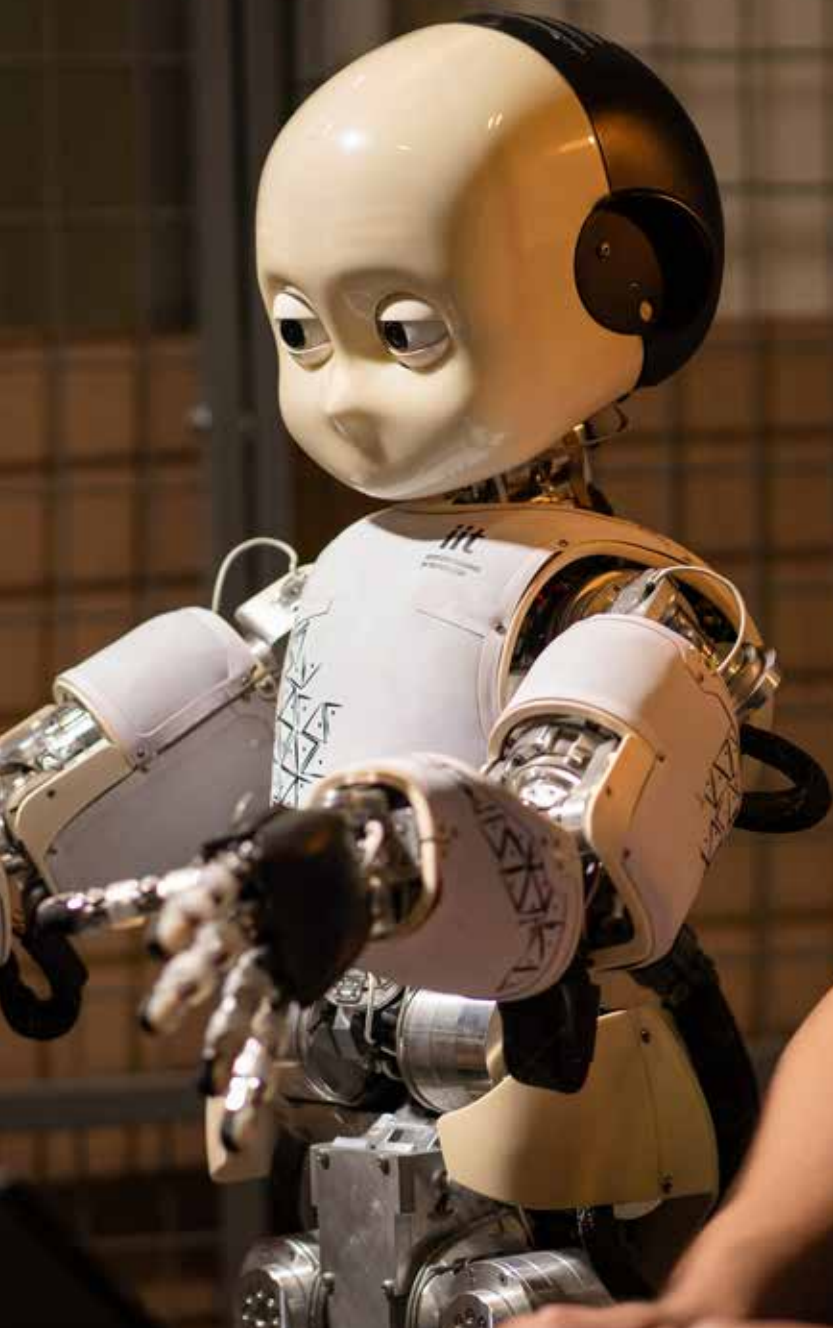
## Postgraduate Wellbeing Support

The Graduate School works with Student Support to deliver wellbeing support that is tailored to the needs of postgraduate students, particularly through dedicated drop-in sessions within the Postgraduate Centre.





# Research excellence



(Photo credit: ESA)



## **Aberystwyth is a research-led university which celebrates knowledge creation, impact, innovation and knowledge exchange.**

Research underpins and informs our teaching and enhances your learning experience. You will be taught and mentored by staff who shape our understanding of the world and extend the frontiers of our knowledge, exposing you to the very latest thinking in your subject area.

Our research has benefits for wider society and impacts upon the economy, the environment, on public policy and upon cultural life in Wales and beyond. And through cultivating commercial partnerships, our research helps to develop new products, processes and techniques that can help us all live better lives.

Ranging from combatting climate change, improving food quality and food production, promoting human and animal health, to developing artificial intelligence and helping to advance space exploration, our researchers are at the forefront of innovation, and the impact of our research has far-reaching international benefits.

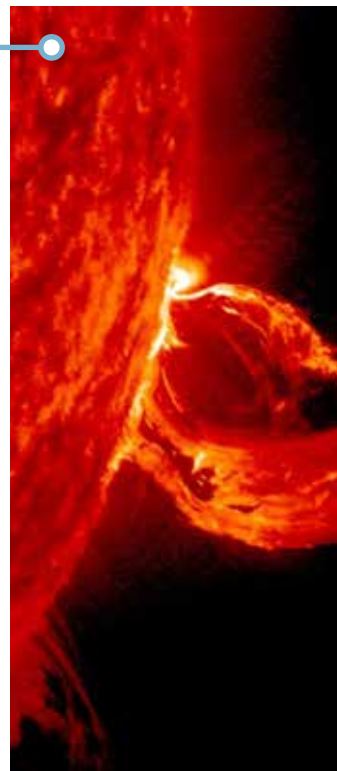
## Recent research initiatives

- Using AI to breed new bioenergy crops to help tackle climate change.
- Accelerating the restoration of peatlands to remove greenhouse gases from the atmosphere.
- Mapping the biomass of the world's forests for the European Space Agency (ESA) to help tackle climate change.
- Developing a new app to help protect and restore ecosystems and environments around the world.
- Using AI, satellite imagery and drone technology to monitor melting glaciers.
- Producing sustainable alternative proteins to help feed the world's growing population.
- Finding new ways to speed up the preclinical drug discovery process for parasitic diseases.
- Designing state-of-the-art anti-radiation technology for space missions to the moons of Jupiter.
- Creating smart tech to improve quality of life for the elderly or people with health conditions.
- Using the latest virtual reality technology to train police officers to deal sensitively with older victim-survivors of domestic violence and abuse.

## New dawn for space storm alerts could help shield Earth's tech

Scientists say it is now possible to predict the precise speed a coronal mass ejection (CME) is travelling at and when it will smash into our planet – even before it has fully erupted from the Sun. CMEs are bursts of gas and magnetic fields spewed into space from the solar atmosphere. When these CMEs hit the Earth, they can trigger a geomagnetic storm which is capable of producing stunning aurorae, often referred to in the northern hemisphere as the Northern Lights. But the storms also have the potential to disrupt vital systems we rely on daily, including satellites, power grids and communication networks, which is why scientists worldwide are working hard to improve our ability to better predict when CMEs will hit Earth.

Researchers at Aberystwyth University made their discovery after studying specific areas on the Sun called 'Active Regions', which have strong magnetic fields where CMEs are born. The researchers monitored how these areas changed in the periods before, during and after an eruption. "Our research not only enhances our understanding of the Sun's explosive behaviour but also significantly improves our ability to forecast space weather events. This means better preparation and protection for the technological systems we rely on every day," lead researcher Harshita Gandhi, a solar physicist at Aberystwyth University explains.



## More nutritious white bread could soon be on shelves

Healthier white bread could soon appear on the shelves of bakers and grocers across the UK thanks to research at Aberystwyth University. Working with leading organic millers Shipton Mill, the team at Aberystwyth will be studying the milling and blending process for white flour. The work, which could see UK sourced peas, beans and oats added to wheat flour to boost its nutritional value, is funded by Innovate UK's 'Better Food For All' initiative. With 65% of all oats in the UK grown from varieties developed at Aberystwyth, the University is recognised as a leading centre for the development of new oat, bean and pea varieties.

Dr Amanda Lloyd from the Department of Life Sciences at Aberystwyth University said: "Poor diet plays a major role in ill-health, chronic diseases and a significant portion of cancer cases. Obesity rates are very high in the UK, with projected costs for the NHS at £9.7 billion by 2050 and society at nearly £50 billion annually. Using our expertise at the University, we hope that this project can play a role in tackling this growing issue of diet-related poor health and wellbeing. The project will also bring significant social and economic benefits to the UK and will further establish the UK as a leader in the flour and flour-based foods markets."

## Aberystwyth University research uses AI to improve support for modern slavery survivors

Organisations and policy-makers supporting survivors of human trafficking and modern slavery now have a better understanding of their needs, thanks to an innovative research project led by an Aberystwyth law professor. 'Reporting Experiences of Survivors to Analyse in Real Time' (RESTART) used artificial intelligence (AI) to gather insights into the support offered to modern slavery survivors. The project was led by Professor Ryszard Piotrowicz from the Department of Law and Criminology at Aberystwyth University, a specialist in migration law and international humanitarian law.

The project used natural language processing (NLP), a form of AI, to analyse almost 40,000 anonymised case notes which were recorded during interactions with 545 modern slavery survivors. The analysis focused on survivor support needs in areas such as accommodation, legal support, dependants, education, employment, physical and mental health, finance and social integration. The project developed a self-journaling smartphone app which allowed survivors of human trafficking and modern slavery to record their thoughts, feelings, problems and goals in real time. In addition, the app empowered users to recognise their own needs and propose solutions, to differentiate between immediate needs and long-term goals, and also functioned as a progress tracker and motivational tool.

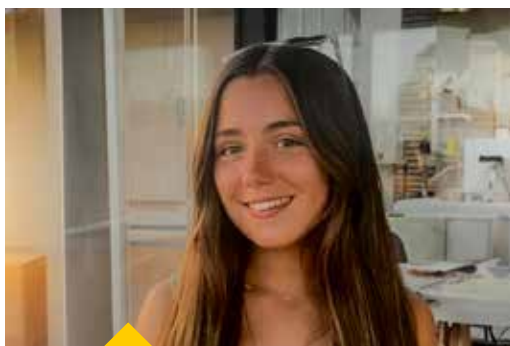


## Biomass crop research aims to boost rural economy

Aberystwyth University researchers are exploring the potential of crops like willow and alder as alternative sources of income for farmers. The initiative, part of a UK-wide effort, assesses the viability of biomass crops to improve farm revenues and environmental sustainability. As part of the project, academics at Aberystwyth University have planted a wide range of fast-growing tree species tailored for shorter harvesting periods than traditional forests.

The research is looking at native species like willow, alder and poplar, as well as exotic ones such as black locust (Robinia) and eucalyptus. Other crops, such as miscanthus, reed canary grass, sida and cup plant are also being grown in the trials. Collectively referred to as biomass crops, these species have multiple uses, including heat and power generation, transport fuels, construction materials, and even cosmetics. They can also improve the health of soil and the wider ecosystem. All these perennial species grow quickly, with some giving an income from harvest as quickly as two years after planting, while others take longer to mature.

# What our students say



**Beca Fflur Williams**  
MSc Behaviour Change

This course caught my eye for many reasons, firstly as a transdisciplinary course. This means that I can tailor the course to my interests, with the different disciplines offered being Psychology, Politics, Geography and Business modules. Having that variety within the course has proven to be very gratifying; being able to collaborate with graduates from different disciplines has allowed me to enrich my knowledge and certify confidence in my academic decisions and work simultaneously.

The subject of behaviour change is becoming increasingly important in a globalising, warming and mobile world. After studying human geography as my undergraduate degree, I felt that choosing this Masters course would help further my understanding of how to positively impact the world, by guiding people to achieve a more sustainable lifestyle and practices. Being able to understand the psychology behind why people make their everyday decisions and how psychologists can shape people's views and actions through the study of various theories, still fascinates me. It has undoubtedly given my studies a vital new perspective.



**Aswathy Krishnan Nalini**  
MSc International Finance and Banking

I was working in the banking industry for 10 years in the international payment sector. I realised that I needed to broaden my horizons and learn more about other aspects of banking like investments, global markets and risk management. A Masters programme will add more value to my resume.

The course covers many aspects of banking and finance that are relevant to my line of work. I was introduced to various topics like capital budgeting, portfolio analysis, behavioural finance and the CAPM model. This has helped me enhance my learning skills by giving me a solid foundation. I am certain that the knowledge and the resources I have gained during this one year will help me be successful in the years to come.

The lecturers are highly supportive and encouraging. As an International student, I found the University offers a vast selection of scholarships and bursaries which are very beneficial. Aberystwyth University also stands unique by offering accommodation scholarships for its international students, which is very helpful. I'm delighted I decided to attend Aberystwyth University.



**Simran Didden**  
MBA (Project Management)

In my last job, I was working in the programme management office (PMO) with BT India, looking after the governance part of BT's projects. While working with the project managers, I was encouraged to learn more about running a project end-to-end, rather than just focusing on its governance. This motivated me to learn more about project management and I decided to enrol for this course.

The University is extremely student-centric, with no dearth of support available. This was quite important as I was leaving my family for such a long duration for the first time. The beautiful location was an added bonus to my decision!



**Liam Tomos Edwards**  
PhD Physics

I am studying a PhD in physics – specifically solar physics. My research is aimed primarily at using visible light observations of the sun's outer atmosphere, the corona, to better understand how our sun works and the potential dangers it can pose to our planet.

I chose this course for many reasons – firstly, I studied my undergraduate degree here in Aberystwyth and I fell in love with the town and the department. Secondly, I was given an opportunity to study my PhD through the medium of Welsh through a research scholarship from the Coleg Cymraeg Cenedlaethol. It has always been my dream to do a PhD and, with the aforementioned points considered as well, Aberystwyth was the perfect place for me.

**Bridget Morgan**  
PhD English Literature

I chose to do a PhD in English Literature because I wanted to develop my knowledge of nineteenth-century literature and culture, which I felt I'd only touched upon during my MA. Recently, there has been a changing political and cultural shift in how society treats menopausal women. Completing a PhD will allow me to research how menopause taboos developed in nineteenth-century medicine and culture.

I chose to do a PhD because I wanted to make a genuine contribution to society; namely, to tackle social stigmas about female ageing that are damaging to women's health and quality of life. I'm able to achieve this aim by participating in a wider research community. I'm a member of my department's PhD Writing Workshop, and a participant of an inter-university Health Humanities Research Cluster. While much of the reading and writing for my thesis is done in isolation, it's important to stay connected with fellow researchers, where much of my best thinking has occurred. Indeed, I'm organising a conference with some of my peers on how literature can contribute to improving women's health and wellbeing.



# Postgraduate studies at Aberystwyth

**At Aberystwyth we offer various opportunities for postgraduate study, including a range of exciting and innovative taught and research degrees.**

## Taught degrees

(EMBA, EMMgt, MA, MSc, LLM, MBA, MRes)

These degrees usually involve two taught semesters with lectures and/or seminars, plus a third self-study semester, when you will complete a supervised dissertation or project. They are usually studied as a one-year full-time course, with students being resident in Aberystwyth for the duration of their studies. The MRes is a taught programme with a greater emphasis on the dissertation/project element.

## Research degrees (MPhil, LLM by Research, PhD, DAg, DProf)

These degrees focus on research projects and involve in-depth study within a specific field. This study must be compatible with the research interests of the academic department who supervise the project, and with the research portfolio of the University as a whole. Work produced is original, publishable, and presented in a thesis. PhD candidates present and defend their thesis in an oral examination (viva voce) at the end of the study period.

## Flexible learning options

Most of our taught courses are studied on a one-year full-time basis, but many can be also taken on a part-time basis over two or three years, which offers you the flexibility to fit your degree around your working or family life. Some courses are also available with a January start date rather than the traditional September start.

Distance learning offers an even greater degree of flexibility, and we offer a range of short courses and Continuing Professional Development (CPD) opportunities.

It is possible to study for a Postgraduate Certificate (PGCert) or a Postgraduate Diploma (PGDip) in some subjects. These courses require a shorter period of study than a full Masters programme.

## Studying through the medium of Welsh

At Aberystwyth, you may choose to submit your work through the medium of Welsh, and many of our supervisors can offer you support and guidance in Welsh. You can also study some of our Masters degrees entirely through the medium of Welsh. The Coleg Cymraeg Cenedlaethol offers scholarships for students studying their Masters and PhDs through the medium of Welsh.

See their website for more information:

[www.colegcymraeg.ac.uk](http://www.colegcymraeg.ac.uk)

## Our subjects

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# School of Art

## Taught degrees

Art History, MA	p.21
Fine Art, MA	p.22

## Research degrees

Art History, MPhil, PhD, DProf	p.24
Fine Art, MPhil, PhD, DProf	p.25

The School of Art is housed in a magnificent Grade II\* listed building where history and tradition meet contemporary practice.



# Art History

## MA

The School of Art is a place where art is created and debated, exhibited and experienced. More than gaining knowledge in art history, you will be studying alongside practising artists, curators and published historians. As a student of Art History, you will also have access to studios, print workshops, photographic and digital equipment.

Our degree scheme is skills-orientated and career-building, combining applied research with vocational training. It also equips you with essential research and writing skills, to which you are introduced as part of our core module, Artworld.

Studying independently or as part of a team, you will be encouraged to develop critical and interdisciplinary thinking, communicate your ideas in seminar discussions and presentations, as well as publicly share your research.

The School of Art is one of only two UK art schools to have achieved government-accredited museum status. Our renowned collection of fine art and objects of material culture provides opportunities for original, tutor-negotiated research projects. It not only enables you to examine artefacts at close hand, study their techniques and discover their pasts, but also to catalogue and curate our collections under the guidance of our museum professionals.

We are the only university in Wales offering degrees in Art History.


### Employability


The study of Art History has many practical applications. As well as establish themselves as professional art historians, our postgraduates pursue careers in education, publishing and advertising, and in curating, conservation and arts administration. Their employers include the Arts Council, Royal Academy of Arts, Tate, Victoria and Albert Museum, Ashmolean Museum, and the Royal Collections Trust. There is opportunity as well to continue your studies by enrolling on research degrees (PhD) at Aberystwyth University or elsewhere.


## Key Facts


 **Degree type:** MA

 **Course code:** V393

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area or equivalent, and submission of a satisfactory portfolio. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 4 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Artworld: Contemporary Practice in Context
- Vocational Practice
- Research Project
- Dissertation.

### Artworld: Contemporary Practice in Context

Introduces you to contemporary art practices and theories in relation to the tradition and situates the production, curation and distribution of contemporary art in a cultural, political, socio-economic as well as art-historical context.

### Vocational Practice

You will gain skills such as teaching, web design and self-promotion in order to develop a professional profile and establish yourself as a researcher and art historian.

### Research Project

You will undertake applied, tutor-negotiated art historical research on a subject related to the School's collections and/or the research expertise of our staff. The project is usually made available to the public, often in the form of a website or database, an exhibition and accompanying catalogue, a study-pack or short course in gallery education.

### Dissertation

You will demonstrate independent research by producing a sustained study on a chosen topic.

For more details and the latest information on our modules, see our website.

# Fine Art

## MA

Your personal development as an artist is key to Masters training at Aberystwyth. At the School of Art, you will be encouraged to experiment technically and conceptually, test assumptions and push boundaries as you produce a significant body of work in preparation for two public exhibitions in our galleries.

The Fine Art course is designed to develop your skills in your chosen media, which include painting, printmaking, drawing, photography, book illustration, experimental film/video, sound art, installation and site-specific performance. Our degree encourages the rethinking of traditional skills in the context of contemporary, conceptual practices. Weekly life drawing classes are held in the school and can be attended by MA students by arrangement with the lecturer. Students have access to dedicated workspaces, computing facilities, studios and workshops.

The course enables you to develop and sustain a self-initiated programme that demonstrates a creative interpretation of a chosen subject, along with technical expertise and a thorough knowledge of appropriate conceptual, theoretical and historical frameworks. Your art practice will be informed by our Artworld module, which aims to develop your understanding of the contemporary art world and help you to situate your practice within socio-economic, political and institutional contexts.


Guest curators, visiting artists and alumni enrich our research environment and introduce you to a wide range of career possibilities by sharing their experience and expertise with you. Exhibition openings and visiting days provide volunteer opportunities and paid ambassador roles. School of Art gallery events also give you a chance to interact with the public and make professional contacts in the art world.


### Employability


Our Fine Art students build careers as professional painters, illustrators, photographers, printmakers, designers, curators and administrators. Our graduates work as university or museum educators, secondary school teachers, art gallery managers, exhibition curators, and conservators of easel painting, ceramics and works on paper. Their employers include the Arts Council, Royal Academy of Arts, Tate, Victoria and Albert Museum, and the Royal Collections Trust.


## Key Facts


 **Degree type:** MA

 **Course code:** W191

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area or equivalent, and submission of a satisfactory portfolio. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 4 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Artworld: Contemporary Practice in Context
- Vocational Practice
- Portfolio Development
- Exhibition 1: Consolidation
- Exhibition 2: Resolution.

### Artworld: Contemporary Practice in Context

Introduces you to contemporary art practices and theories in relation to the tradition and situates the production, curation and distribution of contemporary art in a cultural, political, socio-economic as well as art-historical context.

### Portfolio Development

You will reinvigorate your art practice by determining a specific line of enquiry as well as refining or re-examining technical and stylistic approaches as you explore the theoretical and historical frameworks relevant to your work.

### Exhibition 1: Consolidation

Contextualising your work within theoretical, historical and contemporary frameworks, you will gain a deeper awareness of issues related to your specific line of enquiry as you prepare for your first public exhibition with us.

### Exhibition 2: Resolution

Taking even greater responsibility for the progression of your self-initiated, self-directed project, you will produce a smaller number of works in a limited time frame for public exhibition in order to refine the aesthetic and conceptual dimensions of your practice.

For more details and the latest information on our modules, see our website.



## Research degrees

Within easy reach of major cultural institutions and exhibition venues, the School of Art is at the heart of significant creative endeavour. The National Library of Wales, a legal deposit library and art gallery located adjacent to the campus, provides unrivalled resources for research in the visual arts and is custodian of internationally renowned art collections.

As a research student at the School of Art, you are encouraged to develop career skills by becoming actively involved in teaching, delivering conference papers, participating in workshops and symposia, publishing or curating, as well as pursuing a hands-on engagement with exhibition preparation, installation and display. The School's accredited museum, public galleries, and extensive art collections are of international importance and offer a wealth of primary research opportunities. School of Art gallery events, volunteer roles and paid internships provide you with additional opportunities to build a career profile and establish professional contacts in the art world.

Doctoral students have two academic supervisors. In addition to Aberystwyth University's generic research skills training, which includes modules in research ethics, data management, critical commentary in practice-based research and approaches to reading critical texts, subject-specific training is delivered as part of the School's supervisory process and is offered through seminars and workshops, as well as internal and external courses. We provide bespoke training in Effective Academic Writing, Research Skills in Fine Art and Art History, as well as Self-Reflective Writing and Analysis for students undertaking the dissertation element of the PhD Fine Art.

## Art History

MPhil, PhD, DProf

The School of Art offers a one-year full-time (two-year part-time) MPhil or a three-year full-time (five-year part-time) PhD in Art History.

The courses are designed for students who seek to undertake a sustained study of Art History to produce original research in a specified field. The MPhil is undertaken by a 50,000 word thesis and the PhD by a 100,000 word thesis.

Your study will advance through individual tutorials with a supervisor with whom you negotiate an action plan and a programme of independent research. The PhD in Art History is assessed by informed peer consensus on the project. You will be required to articulate a defence of your thesis with regard to its scope, depth and relevance in a viva voce.

Areas of Art History research supervision include:

- Landscape and environment.
- Art and Science
- History of Printmaking
- History and Historiography of Impressionism and plein air landscapes.
- History and historiography of C19 French art and print culture
- Technologies and cultures of colour in C19 Europe
- Pre-Raphaelites
- Art in Wales (1750-1950)
- Visual cultures of nationalism and imperialism
- Histories of collecting and reception
- Class and labour in artistic identity and practice
- Documentary Photography.

For further information see our How to Apply pages, or contact us.



## Fine Art

MPhil, PhD, DProf

The School of Art offers research degrees at both MPhil (1 year full-time, 2 years part-time) and PhD (3 years full-time, 5 years part-time) levels.

Comparable in intellectual rigour to a PhD in Art History, the course is designed for students who seek to undertake a sustained study of Fine Art to generate original research in a specified field.

You will produce a substantial creative product (such as an exhibition) and a dissertation (30,000 words for PhD, 20,000 for MPhil and 30,000 for DProf) that demonstrates a critical, historical and theoretical grasp of appropriate research methods and methodologies.

Your study will advance through individual tutorials with a supervisor with whom you negotiate an action plan and a programme of independent research. The PhD in Fine Art is assessed by informed peer consensus on the project. You will be required to articulate a defence of your thesis with regard to its scope, depth and relevance in a viva voce.

Areas of Fine Art research supervision include:

- Drawing and Painting
- Art and Environment
- Art and Science
- Photography
- The Uncanny
- The History and practice of printmaking including lithography
- Interdisciplinary practice (video, sound, installation and site-specific performance).

For further information see our How to Apply pages, or contact us.



## Our research

Our teaching staff are exhibiting artists, publishing scholars and curators whose work provides a stimulating learning environment. Research informs our teaching and ensures that the skills you learn and the knowledge we impart are practice-orientated and current.

Our researchers regularly collaborate with museums, galleries and professional associations to exhibit artworks and publish research of national and international significance that has impact, scope and relevance.

Our research on the 20th century artist-collector Hugh Blaker and the paintings at one time in his possession, for example, has led to the positive identification of a previously disputed portrait by Amadeo Modigliani. Other significant research includes new insights on a canvas recently discovered by the Louvre Museum to be St Joseph the Carpenter – a master work by French Baroque painter Georges de La Tour – and provenance on an earlier version of Leonardo da Vinci's Mona Lisa.

A significant aspect of our research in art history is concerned with the reassessment of artistic careers and the recuperation of traditional practices, especially those that have been marginalised or neglected. Our staff have published on the French 19th century painter, collector and horticulturist Gustave Caillebotte; the 20th century German photographer Erich Retzlaff, once renowned for depicting the land and people of Germany; and now lesser known Royal Academicians. More than a record of past exhibitions, our catalogues raisonné on painter-printmakers such as Sydney Lee, Stanley Anderson and Charles Tunnicliffe now serve as standard references.

Not restricted to visual and material culture, our interdisciplinary research also concerns music, spoken word and sound. Through conference papers and publications, exhibitions and performances, workshops and collaborations, our researchers are contributing to emerging fields such as audionarratology and audiovisuology (i.e. experimentation by visual artists with noise, music and text). Our research in the history and practice of photography concerns historic and alternative photographic processes as the basis for fine art practice and art historical research. It engages with the study of lens-based processes as well as the photograph as a mode of image-making through which notions of identity and memory can be explored.

Our Fine Art research has led to the formation of an international network of artists, print workshops and universities aiming to increase the profile of lithography and attract collaborating artists to Aberystwyth. The print department has developed meaningful links between the practice and teaching of printmaking, as well as research in traditional, digital and cross-disciplinary media. Interdisciplinary and collaborative practice has resulted in multifaceted outcomes – including drawings, photographs, poetry, video and sound to publications, performance and panel discussions – that engage diverse audiences with current debates surrounding issues such as conservation, sustainable land management, wildlife protection and biodiversity in exciting new ways.

As the only University in Wales offering degrees in Art History, we are also mindful of our special commitment to the visual culture of Wales. As well as exhibitions and monographs devoted to 20th century Welsh artists George Chapman, John Elwyn, Nicholas Evans, Gwilym Prichard, Christopher Williams and Claudia Williams, our research in this field includes the collecting habits of queer Welsh Victorian dilettante, George Powell of Nant-Eos, near Aberystwyth; and the wildlife art and forensic animal studies of renowned Anglesey-based artist and Royal Academician Charles Tunnicliffe.

The internationally renowned collections of the School of Art Museum and Galleries are a significant resource and provide a focus for staff and student projects. Through publication, exhibition, conference, residencies, public speaking, broadcasts and online databases our staff reach an ever-wider range of beneficiaries, including students and academics, curators and collectors, art dealers and auctioneers, publishers and broadcasters, art critics and the general public.



Aberystwyth

# Business School

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# Master of Business Administration

The MBA helps you develop an understanding of higher-level managerial skills and concepts and their application in commercial situations.

You will study current theory and acknowledged best practice in areas such as leadership, operations, finance, corporate governance and sustainability. You will be taught through a balanced curriculum, including theory, workshops and case studies taken from the international arena, participating and leading teams to deliver contemporary solutions to emerging business opportunities and issues.

The programme initially focuses on developing your academic understanding of the frameworks, models and concepts used in established and emergent organisations allowing you to apply this knowledge to leadership and managerial excellence. An important objective is to provide relevant analytical training to competitive developments in public and private sectors and to provide you with the professional toolset to lead and manage change.

You will benefit from:

- practical and application-specific insights from established industry professionals and practitioners
- being taught by active researchers, ensuring that you are exposed to the very latest theories and knowledge in the subject area
- dedicated support to help you positively transition to professional employment
- the chance to apply for an internship experience
- enrolment into an extensive alumni network.


### Employability


The MBA programme is designed to give you a range of transferable skills that you can apply in a variety of employment contexts. Upon graduation, you will have proven your abilities in analysing environments, structuring and communicating the latest theoretical and practical insights, delivering effective audience-specific communications, evaluating and organising information, working with and effectively leading others, and successfully delivering objectives within aggressive time frames and to specific deadlines. Typical career pathways include Senior Management Consultant, Director/VP of Sales, HR Director/VP and Chief Technology Officer amongst many others. Your precise pathway will be facilitated by the skills and competencies developed during the MBA Programme.


## Key Facts


 **Degree type:** MBA

 **Course code:** N1834

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Business Economics
- Corporate Governance and Sustainability
- Financial Management and Strategic Decision Making
- Managerial Reports
- Strategic Marketing Management
- Leading People and Organisations.

Plus one optional module: either International Strategy and Operations or Global Marketing.

### Business Economics

Examines microeconomics and macroeconomics principles, concepts and methods of analysis, and emphasises the role of government policy and regulation at the microeconomic and macroeconomic levels.

### Corporate Governance and Sustainability

Introduces key concepts, theories, research and practices of corporate governance within an increasingly global context, with particular attention paid to issues of business ethics and sustainability.

### Financial Management and Strategic Decision Making

Develops a practical grasp of financial and management accounting, financial analysis and financial decision-making, relevant to the aspiring general manager.

### Managerial Reports

Helps you analyse what you have studied on the course and apply it to real-world scenarios through case studies.

For more details and the latest information on our modules, see our website.

# Professional MBA Programmes

Designed for the aspiring manager / business leader, you will need to have accumulated previous work experience at an appropriate level in order to maximise your learning experience on the Professional MBA programmes. The PMBAs each have a specific discipline focus, enabling you to specialise in a particular area.

## N1837 MBA Global Supply Chain Management

Focuses on modern global supply chain networks and systems including logistics, green logistics systems and global supply chain systems. You will also learn the latest trends in financial analysis, business economics and leading people and organisations. You will complete a substantial supply chain management report at the end of your studies which is focused on providing value-added improvements within your company.

## N1838 MBA Engineering Management

Focuses on engineering systems and the management of engineering and technology-based systems. You will undertake modules in forensic engineering analysis and management, quality systems, project management and supply chain systems. You will complete a substantial engineering management report at the end of your studies which is focused on providing value-added improvements within your company.

## N1839 MBA Project Management

Focuses on managing and leading projects and developing and applying the tools and techniques of project management including leading teams, project management techniques and systems, financial analysis, and project monitoring and control. You will complete a substantial project management report at the end of your studies which is focused on providing value-added improvements within your company.

## N1840 MBA International Marketing

Provides you with insights and new developments in the area of international marketing including global marketing systems and practice, marketing strategy as well as financial analysis, sustainability and business leadership. You will complete a substantial international marketing report at the end of your studies which is focused on providing value-added improvements within your company.


## N1841 MBA Corporate Social Responsibility


Provides you with knowledge of the latest trends in environmental economics, environmental decision-making, sustainability and environmental management and combines this work with business-focused work around business finance, leadership and business economics as well as corporate governance and risk analysis. You will complete a substantial CSR report at the end of your studies which is focused on providing value-added improvements within your company.


## Key Facts


 **Degree type:** MBA

 **Course code:**  
N1837 MBA Global Supply Chain Management  
N1838 MBA Engineering Management  
N1839 MBA Project Management,  
N1840 MBA International Marketing  
N1841 MBA Corporate Social Responsibility.

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

# Executive Masters Programmes



## N1835D Management (EMBA)

Designed for business leaders, this course will equip you with the latest leadership skills and knowledge to deliver significant and lasting change within your organisation. Attracting a global cohort, candidates will learn how to deliver change leadership in different operating environments and cultures. You will undertake a series of modules in workshop format which will include global marketing, leadership, business finance and economics, and international strategy and operations. You will complete a strategic change leadership capstone project focused on your own company following your phase of study.


## N1836D Management (EMMgt)


This is a highly flexible change leadership programme for business leaders wishing to deliver high performance change through more focused action learning and real-time implementation of change leadership in their companies. You will complete a number of underpinning modules including business finance, strategy and leadership and will then move on to the development of a substantial strategic capstone project that will focus on delivering change management in your company. You will be allocated a supervisor/mentor for the duration of your change leadership programme. As a guide, you will devote around two-thirds of your time on the capstone project and will need to show real-time impact from this work.


For more details and the latest information, see our website and Executive Masters brochure.


## Key Facts

 **Degree type:** EMBA/EMMgt

 **Course code:**  
N1835D Executive Global MBA by distance learning (EMBA)  
N1836D Executive Master of Management by distance learning (EMMgt).

 **Duration:** up to 3 years distance learning

 **Entry requirements:** 2:2 Bachelor (honours) degree plus 36 months of relevant work experience or equivalent. Non-graduates will be considered individually based on relevant work experience and/or professional qualifications.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

# Engineering Management

## MSc

MSc Engineering Management is designed to appeal to anyone who wishes to develop their skills and confidence in the management of engineering and technology-based systems. Throughout the programme, you will develop high-level proficiencies in the areas of innovation, analysis, business strategy and management. On completion of the course, you will have gained the requisite skills to become an effective technical manager and leader, and pursue a career in a range of engineering, technology and enterprise management roles.


Engineering has a critical role to play in today's fast-moving technological revolution, and managers who can innovate in response to global challenges are highly desirable. MSc Engineering Management focuses on building the essential skills and competencies that senior managers require to succeed in this sector, including industrial engineering innovation skills as well as strategic business and management techniques.

You will take modules in quality engineering and management, international strategy and operations, business economics, leadership, project management and product innovation. You will also complete a substantial engineering management report which focuses on providing value-added improvements within companies.


This programme has been designed to be accessible by students who have graduated from almost any discipline. It does not require detailed technical knowledge.


## Key Facts


 **Degree type:** MSc

 **Course code:** N23F

 **Duration:** 1 year

 **Entry requirements:** Normally, an undergraduate degree at 2:2 or above. However, candidates with HND + significant and appropriate experience may be allowed to enter the programme. Each applicant will be dealt with on a case-by-case basis.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Business Economics
- International Strategy and Operations
- Leading People and Organisations
- Project Management Tools and Techniques
- Quality Engineering and Management.

### Quality Engineering and Management

Critically analyses a range of QA and QE systems and models as well as quality planning tools and techniques and contemporary quality improvement techniques and applies these techniques to the design, planning, control and management of given production systems.

### Leading People and Organisations

Explores key theories, models and concepts that constitute the study of human behaviours and agency in organisations; the dynamic of power and politics in organisations; and the role that leadership plays in aligning often competing organisational forces.

For more details and the latest information on our modules, see our website.

# Finance

## MSc

Suitable for applicants with a background in mathematics, finance, economics, banking, statistics or econometrics, this degree will provide you with analytical and practical skills in the areas of corporate finance, investment, international financial markets and financial institutions. This industry perpetually seeks technically competent higher degree graduates to evolve and modernise their business environment.

At Aberystwyth Business School, you will learn about established and emergent financial markets, be provided with the latest thinking and research insight on contemporary issues such as risk management, ethical standards in banking, international financial regulation, advances in corporate finance, modern portfolio management and innovations in intermediation. From equities, bonds and other fixed income instruments to futures and options, from mergers and acquisitions to real options, this degree will provide the essential skills and knowledge needed to pursue an exciting future professional career in financial services, or financial management, in a wide range of other sectors.

You will benefit from:

- practical and application-specific insights from established industry professionals and practitioners
- being taught by active researchers, ensuring that you are exposed to the very latest theories and knowledge in the subject area
- dedicated support to help you positively transition to professional employment
- enrolment into an extensive alumni network.


### Employability


By studying this degree you will develop your problem-solving, decision-making, analytical and creative thinking skills, in addition to teamworking, time management and organisational skills. Graduates of this degree will be well placed for a career in many finance industry roles. Recent examples include students graduating to become corporate finance and entrepreneurial finance specialists, commercial and investment bankers, managing high net-worth private wealth management and various other roles in the finance and accounting profession.


## Key Facts


 **Degree type:** MSc

 **Course code:** N300

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Advanced Corporate Finance
- Banking and International Intermediation
- Financial Econometrics
- Financial Research Methods
- International Financial Markets and Investments
- Portfolio Analysis and Management.

### Advanced Corporate Finance

Develops your knowledge and understanding of the financing options available to companies and their tax implications; the tools available to manage financial risk; the choice of a company's capital structure; evaluation of the company's cost of capital and its relevance to investment decisions; evaluation of financial performance; and the factors influencing the choice of dividend policy.

### Banking and International Intermediation

Analyses the economic function of banks and other financial intermediaries, with particular emphasis on the fundamental instability of banks. Examines the causes of major recent international financial crises, and investigates the global regulatory response.

### International Financial Markets and Investments

Covers investment appraisal techniques, equity instruments, bonds, derivatives and synthetic instruments, pricing and valuation of equity, asset pricing models, risk management and financial market microstructure.

For more details and the latest information on our modules, see our website.

# International Business and Marketing

## MSc

This is our most popular programme, providing you with the frameworks and concepts of business management and leadership alongside the technical and communication perspectives associated with the marketing profession. When choosing to study the International Business and Marketing degree you will develop a thorough academic understanding of management theories and methods, with a strong emphasis on strategy-level thinking that includes financial, operational, marketing and globalisation perspectives.

To conceive and implement strategy requires considerable analytical powers. A focus of this degree is to equip you with the key skills you need such as primary and secondary national and international market research, recognising and ameliorating the impact of cultural differences on business efficacy, implementing an outcome-based (objective) marketing strategy and systematically monitoring the external and internal parameters to maintain projected revenue and profitability growth.

Central to this is the examination of the forces that shape the international business environment and their impact on the operations and strategic outlook of international companies necessary to flourish within dynamic business ecosystems. The course also covers the institutional structure of the international economy and examines how trade and financial flows are supported by international economic institutions. Throughout the course, you will apply your learning to contemporary case studies in international business and international marketing.


### Employability


By studying this degree you will develop your understanding of organisational behaviour and structure, and be able to research, interpret and use business and financial data. Typical career pathways include International Business Analysis, Corporate Investment Banking, International Marketing Executive, Regional and Global Product and Programme Director, and International Procurement and Global Supply Chain.


## Key Facts


 **Degree type:** MSc

 **Course code:** N128

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Financial Analysis and Decision Making
- Global Marketing
- International Business Environment
- International Commercial Law
- Strategy and Management Report
- Marketing Management Strategy
- People and Organisations.

### Financial Analysis and Decision Making

Develops a practical grasp of financial and management accounting, financial analysis and financial decision-making, relevant to the aspiring general manager.

### Global Marketing

Provides a thorough understanding of the theories, concepts and techniques of global and international marketing, including motives for international expansion, market selection and entry, management of communications and customer relations in international markets and international branding.

### Strategy and Management Report

Helps you analyse what you have studied on the course and apply it to real-world scenarios through case studies.

### Marketing Management Strategy

Deals with identifying, entering and developing markets, and evaluates the role of marketing in contemporary organisational environments.

For more details and the latest information on our modules, see our website.

# International Business Management

## MSc

On this degree you will study the fundamental aspects of business and management and its application in an international context. This includes current theory and acknowledged best practice in the areas of strategic analysis and formulation and the tools, concepts, frameworks and practice of operational management.

You will specialise in the contemporary disciplines of international strategy, financial management, marketing strategy, and operations management, including the international supply chain, and recent innovations in this increasingly important aspect of business opportunity. Your study will include key concepts, mechanisms and issues in transnational commerce, with the third term focused upon applying this newly-found understanding into both a strategy investigation and a management report where you will uncover new business management insights in an area you are passionate about.

To understand International Business Management effectively you will also study the institutional structure of the international economy and examine how trade and financial flows are supported by international economic institutions. Throughout your studies, you will apply your learning to contemporary case studies in international business, exploring insights into numerous industries and evaluating the differences in the application and the applicability of these frameworks, models and concepts.


### Employability


By studying this degree you will develop your understanding of organisational behaviour and structure, and be able to research, interpret and use business and financial data. Typical career pathways include International Business Analysis, Corporate Investment Banking, International Marketing Executive, Regional and Global Product and Programme Director, and International Procurement and Global Supply Chain.


## Key facts


 **Degree type:** MSc

 **Course code:** N190

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Financial Analysis and Decision Making
- International Business Environment
- International Commercial Law
- International Strategy and Operations
- Managerial Reports
- Marketing Management Strategy
- People and Organisations.

### Financial Analysis and Decision Making

Develops a practical grasp of financial and management accounting, financial analysis and financial decision-making, relevant to the aspiring general manager.

### Managerial Reports

Helps you analyse what you have studied on the course and apply it to real-world scenarios through case studies.

### Marketing Management Strategy

Deals with identifying, entering and developing markets, and evaluates the role of marketing in contemporary organisational environments.

### International Business Environment

Provides an understanding of the forces that shape the international business environment, and how that impacts on the operations and strategic outlook of international companies.

For more details and the latest information on our modules, see our website.

# International Finance

## MSc

This degree provides you with analytical and practical skills in the areas of corporate finance, investment, international financial markets and financial institutions.

At Aberystwyth Business School, you will learn about the very latest thinking and research on contemporary issues such as risk management and ethical standards in banking, international financial regulation and emerging financial markets.

From equities, bonds and property to futures and options, from mergers and acquisitions to foreign direct investment, this degree will provide you with the essential skills and knowledge needed to pursue an exciting professional career in financial services or financial management in a wide range of other sectors.

You will benefit from:

- practical and application-specific insights from established industry professionals and practitioners
- being taught by active researchers, ensuring that you are exposed to the very latest theories and knowledge in the subject area
- dedicated support to help you positively transition to professional employment
- enrolment into an extensive alumni network.


### Employability


By studying this degree you will develop your understanding of organisational behaviour and structure, and be able to research, interpret and use business and financial data. You will also develop your problem-solving, decision-making, analytical and creative thinking skills, in addition to teamworking, time management and organisational skills. Graduates of this degree will be well placed for a career in financial strategy, actuarial profession, corporate banking, taxation, investment analysis, financial trading and retail banking.


## Key facts


 **Degree type:** MSc

 **Course code:** N308

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Advanced Corporate Finance
- Financial Analysis and Decision Making
- Financial Research Methods
- International Finance and Capital Markets
- International Financial Markets and Investments.

Plus one optional module: either Banking and Financial Intermediation or Portfolio Analysis and Management.

### Advanced Corporate Finance

Develops your knowledge and understanding of the financing options available to companies and their tax implications; the tools available to manage financial risk; the choice of a company's capital structure; evaluation of the company's cost of capital and its relevance to investment decisions; evaluation of financial performance; and the factors influencing the choice of dividend policy.

### Financial Analysis and Decision Making

Develops a practical grasp of financial and management accounting, financial analysis and financial decision-making, relevant to the aspiring general manager.

### International Financial Markets and Investments

Provides you with a strong theoretical and empirical background in investments and financial markets.

For more details and the latest information on our modules, see our website.

# International Finance and Banking

## MSc

This degree provides you with the knowledge and skills required for a successful career in banking, with an emphasis on the international banking business.

You will gain an in-depth understanding of international finance with the banks as the purveyors of finance in a globalised world. You will study banking and financial intermediation, international financial markets and the roles that banks play in those markets. You will examine and evaluate the importance of central banking and international regulatory frameworks such as the Basel III and the important roles they play in maintaining a sound international financial system. Throughout the degree, you will have the opportunity to study and understand the concept of risk management, especially with respect to managing portfolios of bank risk assets.

The knowledge you gain will be applied within a framework of corporate governance and sustainability, equipping you with the skills to appreciate and evaluate the crucial role that ethical governance plays in the success of international business organisations such as banks. These skills will be underpinned by sound financial theories, concepts and empirical evidence.

You will benefit from:

- practical and application-specific insights from established industry professionals and practitioners
- being taught by active researchers, ensuring that you are exposed to the very latest theories and knowledge in the subject area
- dedicated support to help you positively transition to professional employment
- enrolment into an extensive alumni network.


### Employability


This degree is designed to give you a range of transferable skills that you can apply in a variety of employment contexts. More specifically, you will develop your understanding of organisational behaviour and structure, and you will be able to research, interpret, and use business and financial data in decision-making processes. You will also develop your problem-solving, decision-making, analytical and creative thinking skills, in addition to teamworking, time management and organisational skills. Graduates of this degree will be well placed for a career in investment banking, corporate finance, tax advisory, investment analysis, financial trading, corporate and retail banking.


## Key facts


 **Degree type:** MSc

 **Course code:** N126

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- International Financial Markets and Investments
- Advanced Corporate Finance
- Financial Research Methods
- Banking and Financial Intermediation
- Corporate Governance and Sustainability.

Plus one optional module: either Portfolio Analysis and Management or International Finance and Capital Markets.

### International Financial Markets and Investments

Provides you with a strong theoretical and empirical background in investments and financial markets.

### Advanced Corporate Finance

Develops your knowledge and understanding of the financing options available to companies and their tax implications.

### Banking and Financial Intermediation

Analyses the economic function of banks and other financial intermediaries, with particular emphasis on the fundamental instability of banks.

### Corporate Governance and Sustainability

Introduces key concepts, theories, research and practices of corporate governance within an increasingly global context, with particular attention paid to issues of business ethics and sustainability.

For more details and the latest information on our modules, see our website.

# Management and Finance

## MSc

Our Management and Finance degree is designed for students who want to carry a sound grasp of business finance into a career in management.

If you want to leverage your numeric knowledge and develop your management and leadership understanding, then this programme has been designed for you. Exploring financial and general management methods, frameworks and models you will build an impressive theoretical knowledge and understanding but with an additional focus on practical delivery aligned to organisation and individual effectiveness.

You will develop a sound and sophisticated grasp of all aspects of business finance to provide a solid foundation for a future professional career in financial management or in the financial sector.

You will benefit from:


- practical and application-specific insights from established industry professionals and practitioners
- being taught by active researchers, ensuring that you are exposed to the very latest theories and knowledge in the subject area
- dedicated support to help you positively transition to professional employment
- enrolment into an extensive alumni network.


### Employability


By studying this degree you will develop your understanding of organisational behaviour and structure, and be able to research, interpret and use business and financial data. You will also develop your problem-solving, decision-making, analytical and creative thinking skills, in addition to teamworking, time management and organisational skills. Graduates of this degree will be well placed for a career as a chartered accountant, chartered certified accountant, chartered management accountant or chartered public finance accountant investment analyst, financial risk analyst, or as an actuary.


## Key facts


 **Degree type:** MSc

 **Course code:** N208

 **Duration:** 1 year (full-time) or 2-3 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, in any discipline. Non-graduates will be considered individually based on relevant work experience or professional qualifications.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Advanced Corporate Finance
- Financial Analysis and Decision Making
- International Business Environment
- International Financial Markets and Investments
- International Strategy and Operations
- Managerial Reports
- People and Organisations.

### Advanced Corporate Finance

Develops your knowledge and understanding of the financing options available to companies and their tax implications; the tools available to manage financial risk; the choice of a company's capital structure; evaluation of the company's cost of capital and its relevance to investment decisions; evaluation of financial performance; and the factors influencing the choice of dividend policy.

### Financial Analysis and Decision Making

Develops a practical grasp of financial and management accounting, financial analysis and financial decision-making, relevant to the aspiring general manager.

### International Business Environment

Provides an understanding of the forces that shape the international business environment, and how that impacts on the operations and strategic outlook of international companies.

For more details and the latest information on our modules, see our website.

# Product Innovation and Entrepreneurship

## MSc

The MSc Product Innovation and Entrepreneurship degree is designed to appeal to anyone from any discipline who wishes to develop their skills and confidence in commercialising their ideas. Throughout the programme, you will develop high-level skills in the areas of innovation, entrepreneurship and management, and will learn how to manage, create and deliver value from product innovation. On completion of the course, you will have gained a detailed understanding of how to create commercial differentiation and succeed at securing investments.


The course focuses on building the essential skills that facilitate the commercialisation of product ideas and the acquisition of financial backing. You will learn how to grow effective teams and develop business plans that can detail product commercial differentiation within a market, product costs, operational and marketing costs, and risks.

This degree will equip you with an understanding of what can be patented and how to protect your ideas. You will undertake modules in product innovation, capital investments, strategic marketing, project management and supply chain systems. Following completion of the taught modules, you will complete an Investor Report and deliver an assessed investor pitch to ensure that you have developed the necessary skills to enable you to secure key funds in order to grow a business.


This programme has been designed to be accessible by students who have graduated from almost any discipline. It does not require detailed technical knowledge in any one field, only on what can be patented.


## Key facts


 **Degree type:** MSc

 **Course code:** N20F

 **Duration:** 1 year

 **Entry requirements:** Normally, an undergraduate degree at 2:2 or above. However, candidates with HND + significant and appropriate experience may be allowed to enter the programme. Each applicant will be dealt with on a case-by-case basis.

 **Contact time:** Up to 12 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisors during the summer dissertation period.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Business Economics
- Green Logistics and Supply Chains
- Project Management Tools and Techniques
- Strategic Marketing Management
- Capital Investments
- Investor Report
- Product Innovation.

### Product Innovation

This module will equip engineers and scientists with an understanding of what product innovation means, how to protect it and how innovation can make an impact if correctly managed and exploited.

### Capital Investments

The ability to deliver effective business reports and presentations are key to securing company investments. This module involves developing an understanding of the role of entrepreneurs and the associated investors and how to present the information in a way that maximises successful investments and collaborations.

For more details and the latest information on our modules, see our website.

## MPhil, PhD, DProf

We offer PhD, MPhil and DProf research degrees that provide students with the training and skills required to become world-leading experts, who can apply rigorous academic theories and principles to develop solutions to the challenges currently faced by business leaders and policy-makers.

Aberystwyth Business School (ABS) has a vibrant and growing doctorate research programme, with over 100 research students joining us from all regions of the world. Our research degree programmes include the traditional research-based PhDs, our more business-orientated Professional Doctorate (DProf) programme, and a Master of Philosophy (MPhil) programme. Research students are fully integrated into the Department's research environment, with options to study topics from across a broad range of business, economic and accounting disciplines. In particular, we encourage applicants whose research fits into the remit of our two research centres: Centre for Responsible Societies (CRiSis) and Centre for Local and Regional Enterprise (CLaRE).

### PhD

Our Doctor of Philosophy (PhD) is a three-year programme that gives you the platform to conduct original academic research that makes a new contribution to your specific field of study. You can make new discoveries, test new theories and push the boundaries of current knowledge and understanding. We offer three PhD programmes: Management and Business (which also includes topics on marketing); Economics and Accounting (which also includes finance). As a PhD student, you will become part of our vibrant research community. During your first year, you will complete our Social Science Research Training programme that will set you up with the skills and knowledge to successfully complete your PhD. Your research will be guided by a supervisory team, who will help you refine your research proposal, and guide you in data collection and analysis. At the end of your studies, you will have a viva voce exam (a verbal defence of your thesis).

### DProf

Our Professional Doctorate (DProf) programme is a three-year programme aimed at business professionals who wish to study for a doctorate while remaining in their employment. Often, DProf students base their research on issues or challenges that they face in their professional roles, and thus use the DProf programme to explore solutions that are based on rigorous academic research. Although we only offer one DProf programme, it covers all business and business-related topics. The DProf is a structured programme, with the first year based on a series of modules (delivered during a series of four residential study schools) that will develop your research skills and guide you in the development of your research proposal. In years 2 and 3, and in collaboration with your supervisory team, you will then undertake your research. Similar to a PhD, you will then defend your thesis in a viva voce.

### MPhil

A Master of Philosophy (MPhil) is like a shorter version of a PhD (although no less challenging!). It is an advanced research-based postgraduate qualification, where you research and write a thesis over 2 years. Similar to a PhD, you will have the opportunity to pursue an area of interest under the guidance of a supervisor, and you will still be required to defend your thesis in a viva voce exam; however, an MPhil involves conducting less in-depth analysis than a PhD does. We offer three MPhil programmes: Management and Business; Economics and Accounting.

We are always pleased to receive new applications to our research programmes and welcome research proposals relating to any of the following disciplines: Accounting, Business, Economics, Finance, Management, Marketing and Tourism Management,

For more information see our 'How to Apply' pages or contact us directly.

## Our research

Aberystwyth Business School (ABS) is research-led, reflecting the values of Aberystwyth University. Our research strategy is aimed at producing world class research, publications and impact that creates innovative strategies and practical solutions that address societal and business issues relating to sustainability and sustainable economic growth.

Much of our research is interdisciplinary, involving collaborations with partners in both the social and natural sciences. Our research has received funding from a wide range of sources including several UK research councils, along with funding bodies, governments and industry in the UK, EU and internationally.

Research students form a core element of our research strategy and contribute to the vibrance of our research. Staff within the School come from a wide range of disciplinary backgrounds, and we have the capacity to supervise research students with an interest in: Accounting, Business, Economics, Finance, Management, Marketing and Tourism Management.

Although our research draws on a wide range of disciplinary perspectives and covers many topics, we aim to focus much of our research through two research centres:

### Centre for Responsible Societies (CRiSis)

CRiSis adopts an interdisciplinary approach to exploring how responsible societies can address environmental challenges. Specifically, the Centre's vision is 'to collect evidence and to develop tools that allow people, organisations and governments to conduct themselves in a social, environmental and ethically responsible way to ensure the sustainable future of our planet and its people'. Much of our research focus is on ecosystem services assessments and valuing nature. Projects include assessments of the economic, social and environmental benefits of Welsh rivers to tropical forests. Through our projects, we have partnered with colleagues from across the University and externally through collaborators in Europe, Asia, Africa and the Americas. Our research has also had significant global impact; for example, centre staff have contributed several IPBES reports that have fed directly into the Convention on Biological Diversity. We very much welcome research proposals that address the issues and topics covered in the CRiSis centre.

### Centre for Local and Regional Enterprise (CLaRE)

CLaRE is an interdisciplinary research centre that explores how local and regional policies can best promote enterprise to achieve sustainable economies in rural Wales and beyond. With a focus on local and regional strategies, the Centre aims to provide evidence, and influence policy on, sustainable economic development. Facilitating the co-creation of research projects between academics, business and government is central to this response. The Centre has undertaken several high-profile EU-funded research projects, including: major reports on the employment effects of CAP agricultural reform; the development of a programme to encourage and support female entrepreneurship; a study of sustainable learning networks in Ireland and Wales; and research into rural crime and its impact on farm businesses. We welcome research proposals that address local and regional policies both within the UK and internationally.

Department of

# Computer Science

## Taught degrees

Advanced Computer Science, MSc	p.44
Artificial Intelligence, MSc	p.45
Computer Science, MSc	p.46
Data Science, MSc	p.121

## Research degrees

MPhil, PhD, DProf	p.47
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# Advanced Computer Science

## MSc

With its emphasis on professional software engineering, this degree is suitable for students intending to pursue a career in the software industry. It can also lead to a career in research and academia.

Topics you may study on this course include advanced software engineering, intelligent systems, statistical methods and data management. Recent MSc project topics include machine learning for the internet of things, augmented reality applications for tourism, analysis and management of agricultural emissions data, network intrusion detection and supply chain management.


In studying this course you will develop specialised technical skills and will gain practical experience in agile software development and in using a variety of techniques to present the latest research to mixed audiences.


### Employability


Our students go on to a vast and continuously expanding range of careers. Recent graduates have found employment with companies such as QinetiQ and Wales Coastal Monitoring Centre. Some have become product managers, and other have set up their own companies.


## Key facts

 **Degree type:** MSc

 **Course code:** G493 (entry in September), G502 (entry in January).

 **Duration:** 1 year (full-time). G498 and G503 are 2 years, G504 is 3 years.

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 12 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

## Modules

Modules that you may study on this course include:

- Research Topics in Computing
- Agile Software Development Project
- Fundamentals of Intelligent Systems
- Internet Technologies
- Individual Project
- Statistical Concepts, Methods and Tools.

### Research Topics in Computing

Focuses on current issues in the field of software engineering with significant emphasis placed on student discussion and peer review.

### Agile Software Development Project

Provides a strong foundation in agile software engineering that will inform your software development practice and prepare you to work in the software industry.


### Fundamentals of Intelligent Systems

Introduces the key ideas in Artificial Intelligence. On completion, you should be able to describe and use the basic principles of Artificial Intelligence and Machine Learning, reflect on project needs and apply AI and ML principles to meet those needs.

### Statistical Concepts, Methods and Tools

Provides you with a foundation in statistics, including design of experiments, discrete and continuous probability distributions, linear modelling and hypothesis testing.

For more details and the latest information on our modules, see our website.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

 **Also available:**

- G498** Integrated year in industry (September entry).
- G504** Integrated year in industry (January entry).
- G503** Integrated industrial placement (January entry).

# Artificial Intelligence

## MSc

Artificial Intelligence is changing the way we live. Applications permeate all aspects of our lives, ranging from health and social care through fraud prevention and computer games to digital assistants.

Topics you may study on this course include machine learning and computational intelligence, applied data mining, and statistical concepts, methods and tools.


By studying this course you will develop specialised technical skills in the areas of intelligent systems, deep learning, big data and computational intelligence.


### Employability


Our students go on to a vast and continuously expanding range of careers. Recent graduates have found employment with companies such as QinetiQ and Wales Coastal Monitoring Centre. Some have become product managers, and other have set up their own companies.


## Key facts


 **Degree type:** MSc

 **Course code:** G790

 **Duration:** 1 year (full-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 12 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Fundamentals of Intelligent Systems
- Statistical Concepts, Methods and Tools
- Computational Intelligence
- Applied Data Mining
- Machine Learning for Intelligent Systems.

### Fundamentals of Intelligent Systems

Introduces the key ideas in Artificial Intelligence. On completion, you should be able to describe and use the basic principles of Artificial Intelligence and Machine Learning, reflect on project needs and apply AI and ML principles to meet those needs.

### Statistical Concepts, Methods and Tools

Provides you with a foundation in statistics, including design of experiments, discrete and continuous probability distributions, linear modelling and hypothesis testing.

### Applied Data Mining

Gives you practical knowledge of data mining using modern data management systems. Querying, searching, mining and analysing very large amounts of data demands procedural and technological approaches that go beyond those typical of relational database systems.

### Machine Learning for Intelligent Systems

Introduces you to the main concepts of machine learning. You will learn how to practically investigate the issues involved in applying two machine learning methods to an appropriate data set.

For more details and the latest information on our modules, see our website.

# Computer Science

## MSc

This degree aims to provide an intensive, professionally-oriented introduction to computing for able graduates in other disciplines (especially the humanities) to enable them to enter the software industry. No previous experience of computing is required.

Topics you may study on this course include computer programming, data management and intelligent systems. Recent MSc project topics include machine learning for the internet of things, augmented reality applications for tourism, analysis and management of agricultural emissions data, network intrusion detection and supply chain management.


You will be introduced to programming to learn the foundational skills that you can expand and apply in the more advanced modules including Advanced Software Engineering and an Agile Software Development Project. The course also includes introductions to other important areas of Computer Science like Artificial Intelligence and data management.


### Employability


Our students go on to a vast and continuously expanding range of careers. Recent graduates have found employment with companies such as QinetiQ and Wales Coastal Monitoring Centre. Some have become product managers, and other have set up their own companies.


## Key facts


 **Degree type:** MSc

 **Course code:** G480

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree or equivalent in any subject area. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 12 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Modules that you may study on this course include:

- Research Topics in Computing
- Agile Software Development Project
- Fundamentals of Intelligent Systems
- Programming for Scientists
- Modelling, Managing and Securing Data
- Applied Data Mining.

### Agile Software Development Project

Provides a strong foundation in agile software engineering that will inform your software development practice and prepare you to work in the software industry.

### Modelling, Managing and Securing Data

Looks at a range of issues related to performance and security in the context of computer systems storing and handling data. It will address not only confidentiality and privacy of data but also the integrity of data and guaranteeing reproducibility.

### Programming for Scientists

Teaches you the basics of programming using the Python programming language, and how to manipulate and organise relevant data.

For more details and the latest information on our modules, see our website.

# MPhil, PhD, DProf

Research in the Department is motivated by the needs of industry, business and government; we actively look for opportunities for technology transfer. An important aspect of this is that our research work is reflected in our teaching.

The Department offers MPhil, PhD and DProf research degrees and provides supervision in all areas of our research interests and academic expertise, including:

- Advanced Reasoning
- Bioinformatics and Health Informatics
- Vision, Graphics and Visualisation
- Intelligent Robotics.

We also have considerable and widely recognised expertise in Software Engineering and Network Technology. Industrial collaborators include Ford, Jaguar Cars, Unilever, Daimler Benz, Integral Solutions Ltd., Costain and Glaxo.

In addition to core transferable skills training, you will receive further technical and research training from the Department. The Department pays for your specialist training courses and encourages you to present peer-refereed papers at conferences. You may also have opportunities to contribute towards teaching, with training provided, which will improve your employability.

## MPhil and PhD

These focus on research projects and involve in-depth study within a specific field which is compatible with the research interests of the University. Research produced is original and publishable work, the results of which are presented in a thesis and through an oral examination.

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of around 50,000-60,000 words. A PhD is awarded upon the satisfactory completion of a thesis of up to 100,000 words followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration.

## DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment.

A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect facilitated by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

For further information see our How to Apply pages, or contact us.

## Our research

We believe that collaboration in research is essential and we work closely with industry, government and other academic institutions on a national and international level.

The Department's research is organised within four groups, all of which investigate and develop techniques and applications of intelligent systems. There is significant inter-group working, giving a high degree of coherence to the Department's research. The Department has international collaborative projects within all four research groups.

A significant part of the Department's research is driven by end-users needs. Our research strategy reflects the recognition of the significance of such work and the potential impact such research may have in terms of more direct benefits for the public.

The research groups within the Department are:

### Advanced Reasoning Group

The group is well known for its ground-breaking work on automated diagnosis and failure analysis, and its invention of approximate reasoning techniques for knowledge model formulation and simplification. It plays a leading role in the international community of computational intelligence research, especially in feature selection, interpolative reasoning, imprecise data modelling and analysis, and theoretical properties of evolutionary computation. Supported by EPSRC and substantial third mission income, we have developed a number of novel techniques tailored to tackling current challenging real-world problems, e.g. serious crime analysis, academic performance analysis, systems monitoring and diagnosis.

### Bioinformatics and Health Informatics Group

This interdisciplinary group conducts leading research in formalisation of biological data, and integrative data analysis in systems biology and healthcare.

It works at the interface between computing, biological and medical applications. We have our own wet laboratory, access to University computer clusters and close ties to the Department of Life Sciences. Supported by the BBSRC, RAEng/EPSRC and the EU, we have developed methods, techniques and tools in the following areas: laboratory automation, analysis of large scale biological data, formalisation of biological/chemical data, systems biology, biomedical informatics and genomics.

### Intelligent Robotics Group

This is one of the best-known robotics groups in the UK, and is involved in both national and international research consortia from novel computational models to space missions to Mars. It focuses on both software and hardware issues that are key to unconstrained environments. It has an international reputation, especially with respect to field, space and cognitive robotics, covering autonomous survey and unmanned surface craft, long-term autonomy and power management, design of neuro-controllers for autonomous robots, planetary exploration and image processing, evolutionary robotics and cognitive robotics, robot visual navigation, and robotic platforms. Supported by EPSRC, EU-FP7, TSB, STFC and funded commercial collaboration, we have developed the following areas: explosive and chemical agent detection, power management for hybrid power systems, automated asset recognition in laser scans of roads, bio-inspired developmental robotics, mobile ad-hoc network and design of control systems for autonomous robots.

### Vision, Graphics and Visualisation Group

The group carries out research in image analysis and geometrical and topological understanding of visual information, with applications concentrated on medical and psychology analysis, environmental and heritage data analysis, vision for robotics, facial analysis and 3D data analysis. It has built up an international reputation in computer vision, especially in 2D/3D data modelling and registration, dynamic processes, texture classification and modelling, facial modelling, and texture and shape based segmentation. We have developed novel approaches in close collaboration with end-users, including medical image analysis, the National Plant Phenomics Centre investigating plant modelling, vision for robotics, 3D heritage modelling, and art-related research. The research has been supported by EPSRC, ESRC, AHRC, NISCHR, BBSRC, HEFCW, and Prostate Cancer Charity.



School of

# Education

## Taught degrees

National MA Education (Wales), MA

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## Research degrees

MPhil, PhD, DProf

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# National MA Education (Wales)

## MA

The National MA Education (Wales) is a truly transformative and sector-leading degree programme for educational professionals in Wales, from early career teachers to senior leaders.

The educational landscape in Wales is changing rapidly. Teaching not only requires the mastery of a complex set of skills to guide, motivate and facilitate student learning, but also the ability to enquire into professional practice in order to improve it. The National MA Education (Wales) – which has been collaboratively developed by seven universities in Wales through direct engagement with a variety of key stakeholders, including Welsh Government – will ensure that all education professionals in Wales have the same high-quality opportunity to enhance their professional knowledge, engage with research, and to improve their professional practice.

Applicants can study the general MA Education (Wales) or study the MA Education (Wales) with focus on a specific pathway: Additional Learning Needs, Leadership, Curriculum or Equity in Education.

### Please note:

- **The course is 2/3 years part-time. There is no full-time option.**
- The course consists of 200 hours of study per 20 credit module, of which 22 will be contact hours. Learning will be a blend of online and face-to-face. Activities will be a combination of lectures, seminars, group activities and individual activities
- Students on this course will join students on the same course at six other HEIs in Wales
- Welsh Government funding is available to support educators who are interested in the course. For information about the funding eligibility please contact the Programme Director (details below).

## Modules


Modules that you may study on this course include:

- Advanced Research and Enquiry Skills
- Additional Learning Needs
- Excellence in Practice
- Curriculum Design and Realisation
- Evidence-Informed Practice
- Equity and Diversity
- Emotional Health, Mental Health and Wellbeing
- Leading Organisational Change.


All modules are also available through the medium of Welsh.


For more details and the latest information on our modules, see our website: [www.aber.ac.uk/en/education/study-with-us/postgraduate/education-wales/](http://www.aber.ac.uk/en/education/study-with-us/postgraduate/education-wales/)


## Key facts


 **Duration:** 3 years (part-time)


 **Course code:** X3PG

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

 **Entry requirements:** See website for details.

 **Additional info:** Welsh Government funding is available to support educators.

 **Additional info:** Prospective students are encouraged to contact Dr Megan Hicks: [meh19@aber.ac.uk](mailto:meh19@aber.ac.uk)

 **Also available:**  
 X3PG2 Additional Learning Needs  
 X3PG3 Leadership  
 X3PG4 Curriculum  
 X3PG5 Equity in Education

## MPhil, PhD, DProf

The School of Education offers MPhil, PhD and DProf (Professional Doctorate) degrees. These are research-based degrees, in which students undertake individual research projects under close academic supervision from within the department. They can be studied on a full-time or part-time basis.

The MPhil normally takes one year of full-time research (two years part-time), after which students complete and submit a dissertation of around 60,000 words.

The PhD normally takes three years of full-time research (five years part-time), after which students complete and submit a dissertation of 80-100,000 words.

The Professional Doctorate or DProf is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. It combines a programme of taught study and a research project.

Research supervision is available in a number of areas, including childhood studies, rural education and pedagogic research. Some of the research themes within the Department include:

### Pedagogic research including:

- learning and teaching
- subject knowledge and understanding
- ICT assessment
- assessment for learning
- achievement
- bilingual context.

### Childhood Studies including:

- how children learn
- gender studies
- achievement
- health and wellbeing studies
- healthy schools
- curriculum development in Wales and elsewhere in the UK
- special educational needs.

### Rural Education including:

- partnerships in education
- community education
- National and local educational policy and the impact on small schools
- 14-19 Learning Pathway
- adult education.

For further information see our How to Apply pages or contact us.



Department of

# English and Creative Writing

## Taught degrees

Creative Writing, MA	p.55
Literary Studies, MA	p.56

## Research degrees

PhD, MPhil	p.58
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Students enjoying the inspirational atmosphere of Gregynog Hall between workshops on the Department's annual Writing Retreat.



## Creative Writing

### MA

This degree will help you develop your creative vision and writing abilities through a balanced programme of reading, analysis, and writing workshops. Working in small groups with professional writers, you will develop your creative work as well as your understanding of the practical aspects of writing and publishing.

Our lecturers will introduce you to a range of contemporary writers of both prose and poetry to serve as a catalyst for your own creative growth, allowing you to develop greater confidence and maturity in your approach to writing. You will also engage in discussions about technique and undertake an exploration of the wider issues related to the practice of writing, such as the significance of genre and the mechanics of publication. The programme also includes a strong critical element, encouraging you to reflect on your own creative practice as well as that of others.

You will receive individual tuition from the excellent staff in the department, all of whom are published creative writers. Under their guidance, you will produce a substantial portfolio in the form of a collection of poetry or an extended piece of prose.


You will benefit from:


- the opportunity to contribute your own original creative material to our annual anthology, published by Broken Sleep Books, and to work as a member of the editorial team preparing the anthology for publication
- the flexibility to combine your creative writing with the study of literature in areas that directly complement your main area of focus
- access to specialist teaching and expert knowledge on contemporary poetry, crime fiction, life writing, horror, nature writing, black diaspora literature, and postcolonial fiction
- the chance to work with leading literary and cultural institutions such as *New Welsh Review* – Wales's foremost literary magazine – and Aberystwyth Arts Centre
- unlimited access to the National Library of Wales, one of the UK's five copyright libraries
- the option to contribute your own original creative material to our annual anthology, and to work as a member of the editorial team preparing the anthology for publication.


### Key facts


 **Degree type:** MA

 **Course code:** Q394

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **IELTS:** 7.0 with minimum 7.0 in each component. See page 157.

 **Entry requirements:** 2:1 Bachelors (Hons) degree in a relevant subject together with submission of a satisfactory writing portfolio. These are minimum requirements for entry. A transcript of marks demonstrating consistent performance at 2:1 level should also be provided. Non-graduates and non-subject specialists will be considered individually based on relevant experience and submission of a satisfactory writing portfolio.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

### Modules

Core modules that you may study on this course include:

- Writer as Practitioner 1
- Writer as Scholar
- Writer as Practitioner 2.

You will also choose from a selection of optional modules, which currently includes:

- Writer as Professional
- Modes in Contemporary Poetry
- Queer and Now: 100 years of Queer Writing
- Sensational Sales: Victorian Popular Literature 1848-1894
- Disability in the Long Nineteenth Century
- Research and Project Planning
- Romantic Radical Cultures
- Women, Fiction and Female Community, 1660-1792
- Late Modernist Poetry
- Reading Ulysses
- Postwar American Fiction
- Poetry After Darwin.

#### Writer as Practitioner 1

Offers students dedicated, genre-specific small-group supervision and workshoping on a regular basis. The module develops students' creative practice and will help them to develop a portfolio of writing of a publishable standard during their MA degree.

#### Writer as Practitioner 2

Will comprise either prose or poetry. We will take great care in assigning a supervisor to guide you whose interests will be as closely matched to your own as possible.

For more details and the latest information on our modules, see our website.

# Literary Studies

## MA

This degree offers you a stimulating engagement with English literature in all its depth and diversity, with the opportunity to develop expertise in specialist areas of your own choosing.

Our research-led specialist optional modules offer fascinating insights into the literature of specific periods, national cultures, and literary traditions. Staff research interests are diverse and continuously evolving, so you will discover a wide variety of approaches to literature and cultural history that blend advanced scholarship with critical thinking.

By studying the latest developments in critical theory and research methodology you will cultivate the necessary skills to undertake your 15,000-word MA Dissertation, an extensive piece of critical research in your chosen field. You will also develop a host of transferable skills to take into a range of other academic or employment contexts.


You will benefit from:


- the opportunity to learn alongside researchers who are recognised internationally for their contributions to knowledge and the furthering of the discipline
- a strong tradition of specialist teaching in the fields of women's writing, literary geography, LGBTQIA+ writing, Romanticism, Welsh writing in English, surveillance, Victorian literature, Modernism, and Postmodernism
- the flexibility to combine your study of literature with creative practice in areas that directly complement your main area of focus
- opportunities to work with leading literary and cultural institutions such as *New Welsh Review* – Wales's foremost literary magazine – and Aberystwyth Arts Centre
- unlimited access to the National Library of Wales, one of the UK's five copyright libraries
- the opportunity to contribute your own original writing to our annual anthology, published by Broken Sleep Books.

## Key facts

 **Degree type:** MA

 **Course code:** Q392

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **IELTS:** 7.0 with minimum 7.0 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Research and Project Planning
- Masters Dissertation.

You will also choose from a selection of optional modules, which currently includes:

- Queer and Now: 100 years of Queer Writing
- Late Modernist Poetry
- Disability in the Long Nineteenth Century
- Reading Ulysses
- Romantic Radical Cultures
- Sensational Sales: Victorian Popular Literature 1848-1894
- Women, Fiction and Female Community, 1660-1792
- Postwar American Fiction
- Poetry After Darwin.

### Research and Project Planning

Delivers skills that are specific to the preparation of a Literary Studies dissertation or Creative Writing project at MA level, alongside transferable skills pertinent to students' broader academic and professional development.

### Masters Dissertation

A 15,000-word Dissertation on a topic chosen by you in consultation with a specialist supervisor. We will take care in assigning you a supervisor whose interests match your own as closely as possible.

For more details and the latest information on our modules, see our website.



# PhD, MPhil

We welcome PhD proposals in all areas from Medieval literature to literature of the 2020s, and across a wide range of Creative Writing genres. Our department brings together award-winning critics working on literatures from the global to the local with award-winning authors; our research centres provide a dynamic home and foundation for our PhD students' academic and career development.

The Department's particular areas of expertise include:

- Contemporary poetry
- Crime fiction
- Life writing
- Horror
- Nature writing
- Black diaspora literature
- Postcolonial fiction
- Women's writing
- Children's literature
- Literary geography and ecocriticism
- Queer writing
- Memory and post-memory
- Welsh writing in English
- Literatures of surveillance
- Irish writing
- Gothic literature and ghost stories
- Psychoanalysis
- Late Medieval secular literature
- Contemporary medievalism
- Romanticism
- Victorian literature
- Modernism and late modernism
- Disability in literature.
- Postmodernism.

A PhD in Literary Studies is awarded upon satisfactory completion of a thesis of 80-100,000 words followed by a viva voce examination.

A PhD in Creative Writing has two parts: the creative work (comprising 75-80,000 words of prose or 60 pages of poetry) plus a 20,000 word critical commentary. Award of the PhD in Creative Writing is subject to satisfactory completion of this twin written element, followed by a viva voce examination.

For both Literary Studies and Creative Writing PhDs, the normal period of registration is three years (full-time) or six years (part-time). For full-time students, it is expected that the thesis will be submitted within four years of initial registration. For part-time students, submission is expected within eight years of initial registration. Full-time research students are expected to be based in Aberystwyth. Part-time research students can pursue their studies at a distance, but may need to be available to attend sessions on campus on occasion.

Each research student is assigned two supervisors, who offer support and advice at every stage of the research project. The primary supervisor works closely with the student, and will be a specialist in the chosen field of research/creative writing.

All doctoral candidates are required to undertake a selection of research skills and professional development modules that are provided by the Aberystwyth University Graduate School. These modules are normally undertaken over the first two years of study. Under the guidance of their supervisors, students will be expected to develop advanced skills in handling a sustained project, which makes an original, rigorous contribution to the candidate's chosen field of Literary Studies or Creative Writing practice.

For further information, or to discuss options for the shorter MPhil research degree, please contact us directly on [english@aber.ac.uk](mailto:english@aber.ac.uk)

# Our research

Our staff publish in a wide range of fields within literary studies and creative writing, and are at the forefront of their disciplines and practices. Teaching and supervision in the Department are strongly research-led and a thriving series of research seminars gives students the opportunity to hear staff, visiting speakers and research students discuss their work informally, or to present papers drawn from work in progress.

The Department's research is divided into three broad themes:

## 1. Creative Wellbeing

The Centre for Creative Wellbeing recognises the increasing academic importance of wellbeing research for understanding civil society and its goals, coupled with the growing significance of using wellbeing as a key measure of social and economic progress. The Centre's particular focus on creative engagement with public health aims to champion and facilitate multidisciplinary creative practice research to inform and positively impact policy and practice in settings such as health, education, youthwork and community groups.

## 2. Emotional Lives

This area of the Department's research focuses on the ways in which our creative and critical practices explore and represent the diverse meanings of emotional experience. It asks how literature, both in the past and today, enables us to engage with feelings about ourselves and others. It explores how writers discover and give voice to a whole range of emotional experiences – experiences so often said to be 'beyond words', like grief, bewilderment, joy or inspiration – and makes those experiences part of the wider community.

## 3. Place and Belonging

Under this theme, staff pursue research on the diverse ways in which literature and the practice of creative writing relate to real and imagined locations and raise questions of belonging. Our research in this area approaches these ideas variously in terms of memory, geographical rootedness/rootlessness, and real or imagined communities – including communities of interest, age, gender, sexuality and ethnicity. This work provides a particular focus for the Department's expertise in the field of Welsh Writing in English.

The Department's work also encompasses two further research centres:

## David Jones Centre (DJC)

The David Jones Centre promotes the neglected critical field of Welsh modernism and highlights the huge potential for innovative research in the archives at the National Library of Wales. Founded in 2011, the Centre has been an international hub for research and practice in the field of Welsh modernist studies, as well as reflecting strong research synergies in the Department and across the University. Since 2011, there have been six David Jones Centre conferences at the National Library of Wales. In 2016 the DJC hosted the launch of the acclaimed biography of David Jones by Professor Thomas Dilworth.

## Centre for Contemporary Poetry (ContemPo)

ContemPo is a collaborative, cross-institutional research centre. It is a critical-creative grouping devoted to the interests of poets, poetry critics, poets who are also critics and critics who are also poets. ContemPo has a special (but not exclusive) interest in investigating experimental and performance poetics and their poetics. Founded in 2006 by Professors Peter Barry and Ian Davidson, ContemPo is today led by five co-directors at the Universities of Aberystwyth, Bangor, Brighton, Plymouth, and Surrey.



Department of

# Geography and Earth Sciences

## Taught degrees

Environmental Change, Impact and Adaptation, MSc p.62

Remote Sensing and Geographical Information Systems (GIS), MSc p.63

Society and Space, MA p.64

## Research degrees

MPhil, PhD, DProf p.65



# Environmental Change, Impact and Adaptation

## MSc

This degree will develop your knowledge of the challenges posed to society by climatic and environmental change. It is an interdisciplinary programme that draws on world-leading expertise in both the natural and social sciences.

You will develop a broad suite of skills necessary to investigate topics related to climate and environmental change and to evaluate risks to society. You will study a diverse range of themes including desertification, agricultural sustainability, policy-making for environmental change, terrestrial carbon cycling, data analysis, science communication, flood risks and Quaternary environmental change.

You will benefit from:

- studying the latest understanding of environmental change and our efforts to plan for and manage future change, in a department that receives funding from organisations such as United Nations, WHO and the European Research Council
- undertaking advanced training in environment-based topics from one of the UK's leading research departments
- Aberystwyth's high quality outdoor physical environment with its multinational community.


### Employability


Graduates of this degree will be highly competent contributors to any work relating to human impacts on and management of terrestrial ecosystems, environmental risk assessment and policy analysis, and disaster relief. Our graduates have gone on to follow a wide variety of career pathways as field technicians, geologists, environmental consultants, policy advocates in the energy sector, and in planning roles across various market sectors. They have found employment with organisations such as the Met Office, the European Space Agency, the Civil Service, national parks, local and national government, education, and as researchers with prominent institutions and initiatives.


## Key facts


 **Degree type:** MSc

 **Course code:** F998

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Advanced Research Skills: Science Communication and Data Analysis
- Environmental Change: A Palaeo Perspective
- Global Climate Change: Debates and Impacts
- Investigating Environmental Change: Fieldwork
- Managing Environmental Change in Practice
- Risk Management and Resilience in a Changing Environment.

### Environmental Change: A Palaeo Perspective

Studies the importance of understanding natural environmental change in order to place present and future environmental change into context. Considers the Anthropocene, Quaternary, and Holocene periods, as well as using examples from the last and late glacial periods.

### Global Climate Change: Debates and Impacts

Introduces you to the IPCC report on climate change, highlighting the different ways in which the findings of the IPCC synthesis report have been portrayed in the media by a variety of groups, including sceptical organisations.

### Risk Management and Resilience in a Changing Environment

Explores the emergence of both resilience and behavioural insights as tools of policy and considers their potential and limitations for managing socio-environmental change.

For more details and the latest information on our modules, see our website.

# Remote Sensing and Geographical Information Systems (GIS)

## MSc

This degree is designed to equip you with cutting-edge skills for the processing and analysis of geographical data.

A key part of this course is to teach you core programming skills (e.g. Python, R and Google Earth Engine) enabling you to carry out ambitious and state-of-the-art analyses. Our focus is on the use of freely available software to process a wide range of data acquired by satellite or airborne (including drone) optical, radar, lidar and thermal sensors. Building on our world-leading research, you will learn these skills by applying them to areas such as disease risk, forest biomass and carbon mapping, land cover change and a range of other environmental challenges.

You will benefit from:

- the opportunity to contribute to current projects within the world-leading Earth Observation and Ecosystem Dynamics research group, including quantifying global forest carbon stocks, mapping the world's mangroves, and providing spatial intelligence for the battle against malaria
- learning cutting-edge remote sensing and GIS techniques and concepts by applying them to real-world case studies
- access to a dedicated computer laboratory for research in GIS and remote sensing which is fully equipped with the latest software platforms
- putting your skills into practice by collaborating directly with company and academic partners on real-world problems.


### Employability


Graduates of this course have secured employment in world-leading academic and industrial institutes. Our alumni have taken positions with government bodies, private enterprises and leading research establishments, in the UK and internationally. By studying this course, you will become a highly competent contributor to any work relating to climate change, human impacts on terrestrial ecosystems, glaciology, hydrology, forestry, coastal change, carbon cycle science, biodiversity and environmental consultancy.


## Key facts


 **Degree type:** MSc

 **Course code:** F994

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Fundamentals of Remote Sensing and GIS
- Advanced Research Skills: Science Communication and Data Analysis
- Advanced Skills in Geographical Information Systems
- Advanced Skills in Remote Sensing
- Applied Geospatial Skills in Industry
- Remote Sensing Issues.

### Advanced Skills in Geographical Information Systems

Will provide you with an opportunity to engage with advanced processing chains and data analysis for a range of applications.

### Advanced Skills in Remote Sensing

Will provide you with an advanced understanding of remote sensing systems and media, including processing, analysing and disseminating data.

### Applied Geospatial Skills in Industry

In groups, you will produce a project plan for an external organisation, deliver it, and provide an end of project report and presentation.

### Remote Sensing Issues

Highlights current topics in remote sensing and specifically in space science, biology, geography and computer science.

For more details and the latest information on our modules, see our website.

# Society and Space

## MA

The MA in Society and Space provides advanced training in research practices, theories and qualitative and quantitative methodologies in the social sciences. It is designed as a specific gateway into social science research, examining how key thinkers have understood themes such as space, place, society, community, nation, mobility and power, as well as providing detailed training on the methods and ethical frameworks underpinning social science research.

You will develop an awareness of policy debates, ethical, moral and legal perspectives, and practical, philosophical, epistemological and theoretical approaches to the spatially-attuned social sciences. You will also develop social science research skills by undertaking specialist training modules, all of which you will then apply to your own practical research project.

You will benefit from:

- studying a course that provides training that is recognised by the ESRC for those seeking Research Council PhD funding
- participation at a 'Theory School' with leading scholars from across Wales
- access to a range of high-quality research-led teaching on cutting edge topics.


### Employability


On graduation you will be well placed for a career in government agencies, public bodies, research institutes, and private consultancies, or for undertaking doctoral-level research. Our graduates have followed a wide variety of career pathways including social research consultancy, policy development, advocacy work, natural and cultural resource management, public sector regulation, planning, NGO development, heritage sector work, and academic careers following doctoral-level research.

## Key facts

 **Degree type:** MA

 **Course code:** 198L

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

## Modules

Core modules that you may study on this course include:

- Human Geography: Theory and Method
- Key Concepts and Debates in Human Geography
- Principles of Research Design
- Qualitative Data Collection and Analysis
- Quantitative Data Collection and Analysis.

### Key Concepts and Debates in Human Geography

Provides a brief history of geography; space, place and time; nature and society; humanistic geography; materialising human geography, or post-humanistic geography. You will also study mobilising human geography; affect and emotion; performance and place; collaborative geographies; and ethical and moral geographies.


### Human Geography: Theory and Method


Provides methodological training in the understanding and application of appropriate research theories and methodologies within the field of human geography.

### Principles of Research Design

Introduces you to the basic principles of research design and strategy, enabling you to demonstrate your capacity to formulate and analyse research questions, formulate testable hypotheses, and assess the implications of the outcomes of your research.

For more details and the latest information on our modules, see our website.

 **Contact time:** Approximately 8-10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

# MPhil, PhD, DProf

We offer MPhil, PhD and DProf degrees in a wide range of topics related to our research expertise.

We have a large postgraduate community researching some of the world's global challenges. This contributes to our research expertise and focus on:

- Glacial processes and products
- Quaternary environmental change
- Earth surface processes
- Soil carbon cycling and climate change
- Earth observation and ecosystem dynamics
- Geochemistry and biogeochemistry
- Cultural and historical geography
- New political geographies.

Our lecturers are active researchers working at the cutting edge of their disciplines, and you will benefit from being taught the latest geographical, environmental and earth science theories and techniques. You will utilise our leading facilities in both physical geography, earth and environmental science and human geography, including state-of-the-art labs and instrumentation, field equipment and software.

Full-time MPhil degrees typically take 1 year, and PhDs take 3 years. Part-time study is also available. Scholarship funding is available from Aberystwyth University as well as external funding sources. The main focus of your research degree will be the production of a thesis and research publications. You will receive supervision from specialists within the Department on the planning, creation and writing of your thesis.

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

For further information regarding potential topics and supervisors see our website, or contact us.



Glasser Glacier has been named after Professor Neil Glasser from the Department of Geography and Earth Sciences at Aberystwyth University. Measuring around 1500 metres long and 500 metres wide, Glasser Glacier is located on James Ross Island and flows westward from a large ice dome on Lachman Crags. Photo credit Dr Bethan Davies.



## Our research

The Department's main research centres and groups cover a wide range of research areas, and the Department is also part of several interdisciplinary research clusters.

### Centre for Glaciology

Research at the Centre for Glaciology ranges from numerical modelling, through process glaciology and glacier hydrology to glacial geology, geomorphology and biogeochemistry. We focus on responses of glaciers to mass balance and climatic change; interactions between glaciers and the marine environment; principles of mass, energy and chemical exchange between atmosphere, cryosphere and hydrosphere; biogeochemical cycles; spatially distributed variations in ice types; characteristics of subglacial sediments; relationships between proglacial geomorphology and glacial processes; processes of transport and character of glacier debris; and former glacier behaviour from glacial geomorphology.

### Cultural and Historical Geography Research Group

Aberystwyth is one of the world's leading centres for cultural and historical geography, and the group researches a range of themes, geographical areas and time-periods, with a particular focus on the 20th century. This includes projects on issues of mobility, memory, heritage, nationalism, materiality, children's geographies, gender and identity, as well as conceptually innovative research on changing understandings of space, place, landscape and environment.

### Earth Observation and Ecosystem Dynamics Research Group

The primary focus of the Earth Observation and Ecosystems Dynamics Group is the use and integration of ground, airborne and spaceborne remote sensing data for a better understanding of the impacts of anthropogenically-induced climate change on ecosystems and environments. Our research includes vegetation carbon dynamics in wooded savannas; characterising mangroves in response to environmental change; habitat classification; remote sensing of natural hazards; and mapping malaria vector aquatic habitat. We have expertise in a diverse range of remotely sensed data including airborne/spaceborne radar, multispectral, hyperspectral optical and thermal infrared as well as Light Detection and Ranging (LiDAR) sensors.

### New Political Geographies Research Group

This internationally recognised group is concerned with the theoretical and empirical explanation of emerging new political geographies, revolving around geographies of governance, democracy and citizenship; the politics of locality, region and territory; environmental politics and governmentality; political geographies of economic and social regulation; the politics of global mobility and migration; and social movements and the politics of alternatives.

### Quaternary Environmental Change Research Group

The group seeks to characterise and interpret the complex record of environmental change over the last two million years. Research strengths include Quaternary geochronology (especially luminescence dating); climatic and anthropogenic change through pollen, diatom and geochemical analysis of lake sediments; geomorphological study of environmental change and human impacts especially in the Mediterranean basin; assessing rates of coastal processes; tephrochronology; volcanic hazards in prehistory; volcanoes and air pollution problems in historic times; environmental archaeology and human origins.

### Earth Surface Processes Research Group

Research in the Earth Surface Processes Group aims to advance understanding of the processes, patterns, timing, rates and drivers of landsurface dynamics. Our research spans disparate environments and a wide range of time and space scales, with investigations ranging from the effects of climate change on river behaviour over many millennia to the influence of microbial processes on soil carbon cycling during individual rainfall-runoff events. The group has particular strengths in i) landsurface processes, particularly associated with rivers, soils and carbon cycling ii) landsurface responses to environmental change, and iii) river and coastal water quality.

### Interdisciplinary Centre for Environmental Microbiology and Geochemistry (iCEM)

iCEM's goal is to investigate the occurrence and activity of microorganisms and associated biogeochemical processes and their interactions with earth materials (waters, rocks and soils) in extreme environments (cold, hot, high pressure, high metal concentration). We utilise this understanding for geoengineering solutions to environmental, energy, health and resource issues with key stakeholders. Research themes include applied biomineralisation for carbon storage, glacier geomicrobiology and biogeochemistry, antibiotic discovery, and the bioremediation of metals and radionuclides.

Department of

# History and Welsh History

## Taught degrees

History and Heritage, MA	p.69
History of Wales, MA	p.70
Medieval Britain and Europe, MA	p.72
Modern History, MA	p.73

## Research degrees

MPhil, PhD	p.74
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## History and Heritage

### MA

This degree has been developed for those who are interested in the academic study of history, and those who are interested in pursuing careers in the heritage industry itself.

The course offers you the opportunity to explore key concepts and debates in heritage studies, to acquire heritage-related business skills, and to participate for academic credit in a work placement or internship with a leading heritage organisation such as the National Library of Wales, the Royal Commission on the Ancient and Historical Monuments of Wales, and the National Trust, developing your practical experience in this field.

You will benefit from:

- the opportunity to undertake a work placement with a leading heritage organisation
- our strong links with the Royal Commission on Ancient and Historical Monuments and the National Library of Wales – two nearby and significant heritage organisations
- being taught by lecturers who are research active and are recognised as leading authorities in their respective fields.

### Employability

Our graduates have expansive and varied careers in museums and archives, heritage administration, tourism, public administration, the civil service, local government, teaching, journalism, the broadcast media and publishing.

### Modules

Core modules that you will study on this course include:

- Concepts and Sources in Heritage Studies
- Research Methods and Professional Skills in History
- Working with History.

You will also study a range of optional modules from a selection, which currently includes:


- Landownership and Society in Wales
- The British Atlantic World in the Long Eighteenth Century
- Post Medieval Palaeography and Diplomatic
- Rare Books and Special Collections
- Information and Society
- Science, Place and Victorian Culture
- Class and Community in Wales, 1850-1939
- Sources for Postgraduate Research in the Modern Humanities and Social Sciences.


For more details and the latest information on our modules, see our website.


### Key facts


 **Degree type:** MA

 **Course code:** V192W

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 6 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# History of Wales

## MA

This degree offers you the opportunity to explore the history of Wales from a variety of thematic and chronological perspectives, to develop your research skills in Welsh history (including Welsh language tuition), and to pursue your own research project in an aspect of Welsh history under expert supervision from a specialist in the field.

This course draws on the unrivalled expertise of our team of Welsh historians in the department to offer a degree scheme suitable both for those who have studied Welsh history in the past and those for whom it is a new field of study.

You will benefit from:

- the opportunity to undertake a work placement with a leading heritage organisation
- our close proximity to the National Library of Wales, one of five UK copyright libraries, which lies adjacent to campus
- our strong links with the Royal Commission on Ancient and Historical Monuments, based in Aberystwyth
- being taught by lecturers who are research active and authorities in their respective fields.


### Employability


Our graduates have expansive and varied careers in museums and archives, heritage administration, tourism, public administration, the civil service, local government, teaching, journalism, the broadcast media and publishing.


## Key facts


 **Degree type:** MA

 **Course code:** V194

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 6 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you will study on this course include:

- The Making of Modern Wales
- Research Methods and Professional Skills in History.

You will also study a range of optional modules from a selection, which currently includes:

- Class and Community in Wales 1850-1939
- Gerald of Wales
- Landownership and Society in Wales
- The British Atlantic World in the Long Eighteenth Century
- Information and Society
- Post Medieval Palaeography and Diplomatic
- Science, Place and Victorian Culture
- Working with History
- Sources for Postgraduate Research in the Modern Humanities and Social Sciences.

For more details and the latest information on our modules, see our website.



# Medieval Britain and Europe

## MA

This degree draws on the strengths of the Department in the field of British and European history from the Norman Conquest to the Reformation. It offers you the opportunity to investigate medieval Britain within its wider European context and from a variety of thematic angles including political, cultural, economic, social and religious history. A programme of intensive Latin and palaeography training is integral to the scheme.

You will benefit from:

- the opportunity to undertake a work placement with a heritage organisation
- our close proximity to the National Library of Wales, one of five UK copyright libraries, which lies adjacent to campus
- our strong links with the Royal Commission on Ancient and Historical Monuments, based in Aberystwyth
- being taught by lecturers who are research active and authorities in their respective fields.

### Employability

Our graduates have expansive and varied careers in museums and archives, heritage administration, tourism, public administration, the civil service, local government, teaching, journalism, the broadcast media and publishing.

## Modules

Core modules that you will study on this course include:

- England in Context in the Long Thirteenth Century
- Latin for Postgraduate Study
- Medieval and Post Medieval Palaeography and Diplomatic
- Research Methods and Professional Skills in History
- Texts that Made the Middle Ages: Advanced Latin Reading for Postgraduate Students.


You will also study a range of optional modules from a selection, which currently includes:


- Gerald of Wales
- History and Identity in the Age of the Magna Carta: the World of Matthew Paris
- Working with History.


For more details and the latest information on our modules, see our website.


## Key facts


 **Degree type:** MA

 **Course code:** V192X

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 6 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Modern History

## MA

This degree offers you the opportunity to study modern British, continental European, American and/or world history from the early 19th century to the present with a team of leading specialists in their fields.

The course embraces a range of perspectives including political, diplomatic, social, cultural and media history, and also provides you with intensive training in research skills and methods for modern history, including the opportunity to develop or enhance your knowledge of a European language.

You will benefit from:

- an introduction to, and instruction in, a variety of modern history sources and archival resources
- training in a European language
- the opportunity to undertake a work placement with a heritage organisation
- our close proximity to the National Library of Wales, one of five UK copyright libraries, which lies adjacent to campus.


### Employability


Our graduates have expansive and varied careers as archivists, publishers, in local and national politics, tourism, heritage administration, public administration, real estate, law, the Civil Service, journalism, broadcast media, the armed forces, education, management, accountancy, entrepreneurs and in further study.


## Key facts


 **Degree type:** MA

 **Course code:** V140

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you will study on this course include:

- Key Themes in Modern History
- Research Methods and Professional Skills in History.

You will also study a range of optional modules from a selection, which currently includes:

- Collective Resistance of Peasant Communities in Twentieth-Century Latin America and the Caribbean
- Sources for Postgraduate Research in the Modern Humanities and Social Sciences
- The British Atlantic World in the Long Eighteenth Century
- Science, Place and Victorian Culture
- Borders and Borderlands in Modern Asia
- Representations of the Holocaust, 1945-2020
- Landownership and Society in Wales
- Class and Community in Wales 1850-1939
- Working with History.

For more details and the latest information on our modules, see our website.

## MPhil, PhD

The Department offers MPhil and PhD degrees, which provide you with the opportunity to undertake advanced historical research under the expert supervision of members of our academic staff.

We offer research supervision in all our areas of research expertise, and have supported students from a wide range of academic and non-academic backgrounds to the successful completion of their research degrees. Individual supervision is supplemented by departmental and University-level research training, and all our research postgraduates are warmly encouraged to participate in the wider research culture of the department.

### MPhil and PhD

These focus on research projects and involve in-depth study within a specific field which is compatible with the research interests of the Department and the University. Work produced is original and publishable, the results of which are presented in a thesis and through an oral examination.

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of up to 60,000 words.

A PhD is awarded upon the satisfactory completion of a thesis of up to 100,000 words, followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration.

For further information see our How to Apply pages, or contact us.

## Our research

The main focus of the Department's research is on four chronological periods – Medieval, Early Modern, Modern British and European, and Modern Wales – and three thematic areas: Historiography; Technological, Scientific and Medical History; and Media History.

In addition, the Department maintains traditional strengths, in the broadest terms, in religious, political, cultural, social and economic history.

In terms of its research agenda, the Department aims to:

- generate and disseminate new research
- transfer research knowledge and skills to all graduates
- support and find opportunity to develop collaborative activity, both within the Department and with partners in other universities in the UK and beyond.

The Department is home to several leading and innovating research centres:

- Centre for Media History
- Centre for the Social and Cultural History of Wales
- Centre for Research in Historiography and Historical Culture.

### Centre for Media History

This interdisciplinary research centre, a joint venture between the Department of History and Welsh History and the Department of Theatre, Film and Television Studies, aims to promote the exploration of media in a specifically historical context, and to promote teaching and research in the field of media history. It seeks to publicise and popularise the use of media and media-related sources as key research tools for a wide range of historical studies, and works closely with the National Library of Wales and its unrivalled newspaper and screen and sound archives.

Our research expertise is internationally recognised, and the journal *Media History* is currently based at the University.

### Centre for the Social and Cultural History of Wales

This Centre aims to promote the study of the history of Wales across all chronological periods; supports individual and collaborative research projects; and stimulates critical analysis of the development of Welsh historiography. It also arranges research seminars and organises day schools and conferences on key themes in the history of modern Wales. The Centre's research expertise spans the medieval, early modern and late modern periods, and includes themes such as: the medieval church; early modern religion; modern urban developments and public health; the media, music and popular culture; missionaries and imperialism; and ethnic minorities and national identity. This concentration of expertise in Welsh history is unmatched by any other department in the UK.

### Centre for Research in Historiography and Historical Culture

The Centre aims to promote the exploration of past and current trends in historiographical and other representations of the past. It also seeks to explore the relationships between academic and amateur historians' engagements with the past, and to promote teaching and research in the fields of historiography and historical cultures. The Centre has international contacts in South Korea, Germany, Norway, Japan and the USA; and has received research funding from the British Academy, the AHRC, and the Huntington Library (California).





Department of

# Information Studies

## Taught degrees and Distance learning

Archives and Record Management, MA	p.77
Information and Library Studies, MA	p.78

## Research degrees

MPhil, PhD, DProf	p.80
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# Archives and Records Management



MA | P132 | 1 year (full-time) or 2 years (part-time)

By studying this degree, you will learn professional principles and techniques and acquire the core skills which will enable you to play a part in the preservation, management and exploitation of invaluable informational and historical resources.

This course is designed to prepare you for work in any archive or records management environment. It also provides the professional training required for entry into these professional areas.

A significant proportion of your learning on this course takes place in study visits and fieldwork, where you will need to observe and relate what you have learnt to the practice in a number of record-keeping environments. Practical experience gained before embarking on the course provides a very important foundation for the training experience of the course itself.

You will benefit from:

- hands-on project working with professional archivists
- in-depth study of palaeography with medieval and post-medieval pathways
- training in industry-standard cataloguing and preservation software
- dissertation training to support research topic identification and develop research skills
- practical education in managing audio-visual media
- professional conferences, visits and lectures.

### Employability

This course will also equip you with a wide range of general work skills such as research, analysis, writing, presentation and management, ensuring your employability is improved across all areas. Upon graduation, you will have proven your abilities in structuring and communicating ideas efficiently, writing for and speaking to a range of audiences, evaluating and organising information, working effectively with others and working within time frames and to specific deadlines.

## Key facts

**Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' (approx. 200 hours) work experience in a relevant sector. Distance learners must demonstrate 3 months' (approx. 400 hours) work experience and be in continued employment or have regular volunteer work in a relevant sector. Non-graduates will be considered individually based on relevant work experience.

**Contact time:** Approximately 6-10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

**IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

**Also available:** P132D Distance learning (2-5 years).

## Modules

Core modules that you may study on this course include:

- Recordkeeping: Theory and Contexts
- Recordkeeping: Processes and Practice
- Access, Outreach, and Advocacy
- Collections Care
- Archives and Records: Practical Project.

### Recordkeeping: Processes and Practice

Provides you with the necessary knowledge and skills to design and implement recordkeeping policies, strategies, and systems regardless of format and age.

### Collections Care

Provides you with the theoretical knowledge and skills required to ensure the long-term accessibility to material through the development and administration of appropriate preservation programmes for both digital and more traditional formats.

### Archives and Records: Practical Project

Working alongside relevant professionals you will prepare, process and document a real-world archival, cultural heritage or information collection so that it can be made available to users.

You will also study optional modules, from a selection available.

For more details and the latest information, see our website.

# Information and Library Studies

MA | P194 | 1 year (full-time) or 2 years (part-time)

This degree will introduce you to the challenges and best practice methods that determine the flow of information within and between organisations and their users.

As well as studying issues such as censorship, multiculturalism and intellectual freedom, you will also study the impact of technology on the delivery of information and library services in a range of important societal contexts, such as health, education and business.

By studying the principles and practical applications of these and many other subject areas, you will acquire skills that are highly desirable to all employers who rely on the flow of information including public, academic and specialist libraries, and information services across the public and private sectors.

You will benefit from:

- access to a varied range of relevant optional modules for career development
- exposure to guest speakers from key sectors of the library and information profession
- dissertation training to support research topic identification and develop research skills.

## Employability

Our alumni include a number of current and former national librarians (Scotland, Wales, Malta and Malaysia), the first black national librarian in South Africa, and the former Director of the Bureau for Library and Information Services at the United Nations. In addition to the traditional library and information service sector, our graduates also go on to work as information officers, managers, systems officers and analysts, as well as computer systems officers. Companies also benefit from our graduates' information skills when applied to the areas of management, sales, production or marketing.

## Key facts



**Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' (approx. 200 hours) work experience in a relevant sector. Distance learners must demonstrate 3 months' (approx. 400 hours) work experience and be in continued employment or have regular volunteer work in a relevant sector. Non-graduates will be considered individually based on relevant work experience.



**Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.



**IELTS:** 6.5 with minimum 5.5 in each component. See page 157.



## Modules

Core modules that you may study on this course include:

- Information Organisation and Retrieval
- Information Services: Planning for Delivery
- Information and Society
- Collection Management
- Studies in Management.

### Information Organisation and Retrieval

Considers how classification and cataloguing are by now only part of the methods needed to retrieve information quickly and efficiently from libraries, databases and individual documents.

### Information Services: Planning for Delivery

Introduces you to the key elements of Information Service planning and provision, the role of users, evaluation methods, key research themes relevant to contextualising information service use, the methods of analysing and evaluating sources and services, and strategic service planning.

### Collection Management

Covers topics such as the promotion of collection use, preservation, and collection issues related to particular formats.

You will also study optional modules from a selection available.

For more details and the latest information, see our website.



**Also available:**  
**P194D** Distance learning (2-5 years).





## MPhil, PhD

The Department is able to supervise students researching into any aspect of information management, libraries or archives.

Topics mostly fall into the broad categories of:

- knowledge and information management
- information organisation
- social, cultural, and behavioural aspects of information.

### MPhil

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of around 50,000-60,000 words. You will work under the direction of one or more supervisors but are not required to attend any classes.

### PhD

A PhD is awarded upon the satisfactory completion of a thesis of about 80-100,000 words followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration. Full-time research students are required to register for the Research Training Programme, while distance learning students complete departmental research training modules. Each candidate is assigned two supervisors for regular consultation.

### DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment.

A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

For further information please visit [courses.aber.ac.uk/postgraduate/research-information-studies](https://courses.aber.ac.uk/postgraduate/research-information-studies), or contact us.

## Our research

Our research activity clusters around issues relating to the ability of individuals, organisations and societies to obtain, manage, organise and retrieve information and knowledge in an increasingly complex and diverse digital age.

Contemporary issues relate to intellectual property, cultural memory, identity, curation, communication and the future of library and information services in a digital age. The evolving digital environment, social media, Web 3.0, AI and associated changes to the way people and organisations interact are opening up new opportunities and challenges for libraries, information services, museums and archives.

The research themes include:

- **Knowledge and Information Management:** curating and managing organisational information and knowledge resources in an increasingly complex digital age
- **Information Organisation:** semiotics of information structures and information retrieval principles
- **Social, Cultural, and Behavioural Aspects of Information:** information in society at regional, national and global levels, including issues of intellectual property, cultural memory, identity and communication in a digital age
- **Digital Curation:** the organisational processes, technical architectures, social standards and policy creation required for the lifecycle management of digital materials.

Our staff are involved in editorial roles for academic journals and book series including 'ASLIB Journal of Information Management' and the 'Journal of Information Science'.



Department of

# International Politics

## Taught degrees

International Relations, MA	p.83
International Politics (Dual degree), MA	p.84
War, Strategy and Intelligence, MA	p.85

## Research degrees

MPhil, PhD, DProf	p.86
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# International Relations

## MA

Situated between mountains and sea, our Department of International Politics is ideally located to nurture ambitious thinking. For over 100 years, this unique position has encouraged International Relations scholars to open their minds and expand their intellectual horizons. As a student on the MA International Relations, you will join our tight-knit community of scholars who have all come to Aberystwyth University to grapple with the big ideas that shape our nations, our world and our planet.

On our MA International Relations course, you'll be exposed to the cutting edge of IR thought, including post-Western thinking, planetary politics, gender approaches and the politics of knowledge in international practice. We take foundational concepts like anarchy, sovereignty and power and unpack them through decolonial ideas, feminist approaches, or Anthropocene thinking. We investigate the agendas and power relations served by conventional IR thinking, and debate whether it is fit for purpose in our increasingly uncertain world.





At this moment, international politics stands on the edge of multiple and intersecting crises. Your MA studies at Aberystwyth will provide the theoretical and empirical tools to help you understand this precarious global situation. You will apply your own independent thoughts and ideas to issues like conflict and security, climate change, international negotiations, and the global refugee crisis. Benefiting from our expert guidance, your MA studies will culminate in an independently researched dissertation, an opportunity for you to combine your critical skills and conceptual knowledge to explore the most urgent questions facing our world today.

### Pathways

The MA International Relations is available as a Specialist or Research Training pathway degree. Students studying the Specialist pathway pursue advanced subject-specific study through a core module and a number of optional modules along with a dissertation. Those on the Research Training pathway take a suite of research training modules in place of some optional modules.

For further information see our website, or contact us.

## Key facts

-  **Degree type:** MA
-  **Course code:** L287S (specialist pathway), L287R (research training pathway).
-  **Entry requirements:** 2:1 Bachelors (Honours) or equivalent. Non-graduates will be considered individually based on relevant experience.
-  **Duration:** 1 year (full-time)

## Modules

On this course you will study a core module in International Politics, along with the Dissertation.


### International Politics: Theories and Concepts


Examines 'classical' concepts within International Relations, such as anarchy, sovereignty, power and security, as well as the roles of colonialism, environment and gender. Attention is paid to contestation and differences of meaning ascribed to core concepts, the political, ethical, practical and methodological consequences involved in the choice of concepts used, and the role of conceptual innovation in the study of a dynamic and diverse subject matter.

You will also choose from a range of optional modules, which currently include:

- Knowledge and Expertise in International Politics
- Gender and Transformative Approaches to Peace
- Post-Western International Relations
- Middle Powers and the Liberal Order
- Global Challenges and the Future of International Relations Theory
- Indigenous Politics: Challenging the Global Order?

For more details and the latest information on our modules, see our website.

-  **Contact time:** At least 6 hours a week, including one 2-hour seminar per module.

-  **IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

# International Politics (Dual Degree)

## MA

This exciting two-year MA degree in International Politics enables you to study with leading scholars in two departments with enviable reputations for the quality of their teaching and research: the Department of International Politics at Aberystwyth University and the School of International Service at American University in Washington, D.C. In addition, you will experience living and studying in two very different but complementary cultural and academic worlds.

During the first year, you will be based in Aberystwyth where you will take advantage of the Department's distinctively normative and critical perspectives on the discipline. You will not only explore concepts that typically constitute the bedrock of the study of International Relations (such as sovereignty, anarchy and security) but subject those concepts to rich and multi-layered interrogation from perspectives that unsettle conventional understandings of international relationships and how they function.

During the second year in Washington, D.C., the optional modules that you take will have a more policy-orientated character and be combined with core modules in social science methodology and economics. You will have the opportunity to connect your studies with practical experience and interaction with the policy community, which American University's School of International Service is uniquely positioned to provide. You will also have the opportunity to apply for internships with government or non-governmental organisations in Washington, D.C. under the Optional Practical Training Scheme after you complete your degree.

### Pathways

The MA International Politics (Dual Degree) is available as a Specialist pathway degree. Students studying this degree will have the advantages of combining advanced subject-specific study in Aberystwyth with core modules in social science research methodology and economics, alongside optional modules from their chosen field of specialisation, taken at American University.

For further information see our website, or contact us.

## Key facts



**Degree type:** MA



**Course code:** L286A



**Duration:** 2 years (full-time)



**IELTS:** 7.0 with minimum 6.0 in each component. See page 157.



**Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent, passed with a minimum score of UK 64%/US cGPA 3.3 or equivalent. Non-graduates will be considered individually based on relevant work experience.



**Contact time:** At least 6 hours a week, including one 2-hour seminar per module at Aberystwyth.



**Tuition fees:** While studying at American University, students must pay American University fees, although students on this scheme will receive a 20% discount, and the application fee will be waived.

## Modules

Core modules you may study at Aberystwyth include International Politics along with the Research Paper, which gives you the opportunity to produce an in-depth piece of research through a guided, structured process.

You will also choose from a range of optional modules, which currently include:

- Knowledge and Expertise in International Politics
- Gender and Transformative Approaches to Peace
- Post-Western International Relations
- Middle Powers and the Liberal Order
- Global Challenges and the Future of International Relations Theory
- Indigenous Politics: Challenging the Global Order?

Core modules you may study at Washington, D.C. include Social Science Research Methodology and Economics. You will undertake a major research project (either the Practicum in International Affairs or the Substantial Research Paper).

Optional modules will be chosen from one field of specialisation and include:

- Energy and Environment
- International Development
- Social Enterprise
- US Foreign Policy.

For more details and the latest information on our modules, see our website.

# War, Strategy and Intelligence

## MA

This degree will provide you with the necessary conceptual and empirical tools and knowledge to understand, debate and critique the interconnected phenomena of War, Strategy and Intelligence.

The question of war has been at the heart of the human experience since the beginning of political communities and remains an enduring feature of the international system. Understanding the causes and consequences of war is a complex task that requires an interdisciplinary approach. Throughout the course, you will engage with a diversity of fields from the social sciences and humanities to understand the phenomenon of war and the perennial quest for security that characterises international relations. As you explore fields such as military history, security, intelligence, strategic studies, and international relations, you will develop the knowledge and analytical instruments needed to understand the concepts of war and warfare, the various strategies used to wage it and the intelligence apparatuses that inform those strategies.

From Sun Tzu to 'Shock 'n' Awe' this degree develops your conceptual and empirical understanding of the use of force in international relations. In the 21st century, with the post-Cold War hopes for a 'New World Order' having faded, fears of major regional and even global wars are growing. This degree examines the most pressing strategic issues facing the world today and analyses the evolving nature of war and conflict from traditional great power competition to modern forms of hybrid warfare. Renewed friction between Russia and the West, escalating tensions in the Middle East and South Asia, growing Chinese military assertiveness, and ongoing intra-state violent conflicts around the world demonstrate the continuing need for an in-depth and critical understanding of the dynamics of war, strategy and intelligence.

### Pathways

The MA War, Strategy and Intelligence is available as a Specialist or Research Training pathway degree. Students studying the Specialist pathway pursue advanced, subject-specific study, through a core module and a number of optional modules along with a dissertation. Those on the Research Training pathway take a suite of research training modules in place of some optional modules.

For further information see our website, or contact us.

## Key facts



**Degree type:** MA



**Course code:** L252S (specialist pathway), L252R (research training pathway).



**Duration:** 1 year (full-time)



**Entry requirements:** 2:1 Bachelors (Honours) or equivalent. Non-graduates will be considered individually based on relevant experience.



**Contact time:** At least 6 hours a week, including one 2-hour seminar per module.



**IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

## Modules

Core modules you will study on this course include Warfare in the Twenty-First Century and the Dissertation.

### Warfare in the Twenty-First Century

Examines the evolution of modern warfare into the 21st century. It analyses various aspects of war and warfare in their contemporary expressions across the domains of land, sea, air, space and cyberspace. You will develop an understanding of the latest strategic trends in areas such as inter- and intra-state conflict, asymmetric and hybrid warfare, nuclear proliferation, the evolution of the 'War on Terror', and great power competition.

You will also choose from a range of optional modules, which currently include:

- Warfare in the 21st Century
- Intelligence, Security and International Relations in the 20th Century
- Security Policy in the European Union
- War and Peace in the Middle East
- Critical Security Studies: Emerging Issues
- Thoughts of War: Strategic Theory and Thinkers.

For more details and the latest information on our modules, see our website.

## MPhil, PhD, DProf

The Department of International Politics has an excellent record of training PhD students.

Students undertaking PhD research are integral to the Department's renowned research culture. The considerable achievements of Aberystwyth PhD graduates are indicated in a significant number of prize-winning theses, high quality published work and conspicuous success in the job market, including in academia, government departments, NGOs and international organisations.

PhD students design and carry out a major piece of research that makes an original contribution to knowledge in their chosen discipline. You will be supervised by subject specialists within the Department, who will advise you carefully throughout the planning, research and writing process. Students who have not already completed a programme in research methods as part of their Masters degree will undertake an ESRC recognised package of social science research training modules during the first year of their PhD.

Our areas of supervision expertise include:

- International relations theory and political theory
- War, strategy, security and intelligence
- Democracy, devolution and territorial politics
- Migration and global development
- Conflict and post-conflict reconciliation
- International political economy
- Global health and the environment
- International and military history
- The politics of the UK and its regions
- Regional politics: Europe, Russia, Middle East, Latin America and the USA.

The Department also offers an MPhil degree, which is a research-based Masters, comprising a 60,000 word thesis. The MPhil is completed in one year full-time, or two years part-time.

### Supervision and progression

Both our PhD and MPhil students enjoy the very best supervision in the field. Each student is assigned two supervisors and supervision meetings take place every three weeks during term time. The exceptionally close working relationship encouraged by this system translates into an excellent completion rate.

### DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

For further information see our website, or contact us.



## Our research

At Aberystwyth you will be at the centre of the latest research on international relations.

The Department is a leading centre of innovative research in politics and international relations. We are renowned for our research activities, with our staff and postgraduate students conducting research on some of the most difficult and important issues facing human communities today. The Department is a leading research department in the UK and globally, and is well known as a place where exciting new understandings of national, international and global politics are being developed.

From the analysis of humanitarian intervention to the future of EU security, from the study of forms of global harm to imagining new planetary politics, from military history to the latest challenges in nuclear proliferation and intelligence gathering, from analyses of the position of Britain in a changing world to understanding the role of Wales in the world – the

Department's world-leading research expertise has been at the forefront of developing new thinking and new policy practices.

In sum, the Department is a vibrant environment in which to study and explore new ideas. Each year we host a range of talks by world-leading experts and opinion formers that students, staff and local people regularly attend. We also host a number of exciting research groups and centres, such as the Centre on the International Politics of Knowledge, the David Davies Memorial Institute, the Centre for Intelligence and International Security Studies and the Planetary Challenges and Politics Centre. These are forums for analysis and discussion of the latest research in the context of a rigorous, but welcoming, research community.

Department of

# Law and Criminology

## Taught degrees and Distance Learning

Criminology and Criminal Justice, MA, MSc	p.89
Human Rights and Humanitarian Law, LLM	p.90
International Commercial Law, LLM	p.91
Law, LLM	p.92
Youth Justice, MSc	p.94

## Research degrees

MPhil, LLM, PhD, DProf	p.95
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# Criminology and Criminal Justice

## MA, MSc

Aberystwyth University offers two Criminology and Criminal Justice degrees at Masters level – MA and MSc. Both pathways will equip you with fundamental skills in research design.

MA Criminology and Criminal Justice approaches criminology and related subject areas from a literary perspective, enabling you to gain an in-depth understanding of a wide range of contemporary areas related to criminology, including criminal justice policies and practices. The MA is particularly suitable for students coming from a non-social science background, but will also enhance and develop the learning of criminology graduates or students from a related discipline.

MSc Criminology and Criminal Justice provides you with the opportunity to develop advanced analytical knowledge of criminological theory and criminal justice processes and outcomes. It promotes and enhances a critical awareness of social science research methods and the skills used to undertake real-world research on crime, disorder and deviations from social norms. It is suitable for criminology graduates or students from a related discipline.


You will benefit from:


- a wide range of modules on criminology, criminal justice and, if they wish, law topics.
- being taught by enthusiastic lecturers, many of whom are renowned in their field.


## Employability


Graduates from this scheme will leave with the professional knowledge and capacity to independently practise, reflect, review and build upon disciplinary expertise and judgement. You will develop ethical practice, critical analytical skills, research skills and presentation skills which will enable you to share your criminological expertise in both academic and professional settings. Graduate career opportunities include (but are not restricted to) criminal justice agencies, government departments, voluntary organisations / non-governmental organisations in the crime and justice field, international organisations such as the UN, and research and academia.


## Key facts


 **Degree type:** MA, MSc

 **Course code:** M984 (MA), M983 (MSc)

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in criminology or a related subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Both MA and MSc students will take Designing Criminological Research as a core module along with others (depending on your chosen pathway).

You will also choose from a range of optional modules which currently include (depending on your chosen pathway):

- Miscarriages of Justice
- International Criminology and Criminal Justice
- Understanding and Investigating Serious Crime
- Arts, Antiques and Heritage Crime Around the World
- International Perspectives of Green Criminology
- Critical Youth Justice
- International Comparative Youth Justice
- Law and Gender
- Migration and Asylum Law
- International Criminal Law
- International Environmental Law.

For more details and the latest information on our modules, see our website.

# Human Rights and Humanitarian Law

## LLM

This degree offers you the opportunity to engage with the distinct yet complementary regimes of human rights law and humanitarian law and to study an area of law with urgent contemporary significance and practical relevance.

By studying this course, you will tackle traditional subjects as well as new and emerging issues, such as the regulation of international society and the legal mechanisms of human rights during international and non-international armed conflicts. Your study will reflect the local, national and international nuances of this complex subject matter.

This course balances the academic with the urgently practical – for example, combining the necessarily comprehensive detail of human rights legislation in conflict with the harsh reality of the threats posed to human rights and the conflicts and tensions within the system of human rights protection.

You will benefit from:

- strong human rights expertise
- a wide range of modules on human and humanitarian law subjects
- a mixture of practical and theoretical study.

### Employability

This course will be particularly attractive to those seeking careers in government departments, think tanks, international organisations, humanitarian and human rights advocacy, business organisations, international law firms and a range of non-governmental organisations.

## Modules

Core modules that you may study on this course include:

- Legal Studies
- The Dissertation.


You will also choose from a range of optional modules, which currently include:


- Aspects of Commercial Contracting
- International Commercial Law
- International Criminal Law
- International Environmental Law
- International Human Rights Law
- International Humanitarian Law
- International Trade Law
- Law and Gender
- Migration and Asylum Law
- Negotiated Study Module.


For more details and the latest information on our modules, see our website.


## Key facts


 **Degree type:** LLM

 **Course code:** M198, M198D (Distance learning)

 **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years. (Distance learning)

 **Entry requirements:** 2:2 Bachelors (Honours) or equivalent in a law or related social science degree.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# International Commercial Law

## LLM

This degree offers you a professional and firm academic programme that will provide a solid foundation in the current global market.

On completion of this course you will have a professional knowledge of international business law that will reflect the changing environment and realities of the current global economy. Through this course we deliver the skills and knowledge required for any high-level career in a legal environment whether it be an international law firm, government organisation or a private company.

You will benefit from:

- a combination of commercial and IT law
- the focus on many regulatory aspects of global commercial activity
- the exploration of intersections of commercial and human rights law.

### Employability

Combining both theoretical and practical perspectives, the content of this degree covers the growth areas of the future as well as subjects and skills of traditional importance. The course also aims to impart knowledge of legal rules relevant to the business field and emphasis is placed on the practical implications of the rules and the economic and political context in which they have evolved.

## Modules

Core modules that you may study on this course include:

- Legal Studies
- The Dissertation.


You will also choose from a range of optional modules, which currently include:


- Aspects of Commercial Contracting
- International Commercial Law
- International Criminal Law
- International Environmental Law
- International Human Rights Law
- International Humanitarian Law
- International Trade Law
- Law and Gender
- Migration and Asylum Law
- Negotiated Study Module.


For more details and the latest information on our modules, see our website.


## Key facts


 **Degree type:** LLM

 **Course code:** M190, M190D (Distance learning)

 **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years (Distance learning)

 **Entry requirements:** 2:2 Bachelors (Honours) or equivalent in a law or related social science degree.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.



# Law

## LLM

Upon graduating from this degree, you will have an impressive level of expertise in the latest developments in a range of law specialisms.

This course will allow you to tailor your study of law entirely to your needs and interests and direct your own study amid a wide array of options, choosing from areas of law such as the environment, human rights, international business, commerce and technology.

You will be given a thorough grounding in legal theory and practice to make you ready for the rigorous demands of the modern legal workplace. This study of legal theory is balanced with the investigation of an array of fascinating case studies to illuminate your study and put you in touch with an authentic experience of legal cases.

You will benefit from:


- a wide range of subjects on commercial and IT law, environmental law and human rights and humanitarian law
- a strong international focus
- enthusiastic lecturers, many of whom are renowned in their area of expertise.


### Employability


This course will be attractive to those who want to improve their career prospects and who will be seeking employment in the public sector, including transnational, regional and international governmental organisations and NGOs, as well in the private sectors, particularly commercial or technology companies.


## Key facts


 **Degree type:** LLM

 **Course code:** M172, M172D  
(Distance learning)

 **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years (Distance learning)

 **Entry requirements:** 2:2 Bachelors (Honours) or equivalent in a law or related social science degree.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Legal Studies
- The Dissertation.

You will also choose from a range of optional modules, which currently include:

- Aspects of Commercial Contracting
- International Commercial Law
- International Criminal Law
- International Environmental Law
- International Human Rights Law
- International Humanitarian Law
- International Trade Law
- Law and Gender
- Migration and Asylum Law
- Negotiated Study Module.

For more details and the latest information on our modules, see our website.



The sun setting over Cardigan Bay seen through the windows of the Hugh Owen Library, Aberystwyth University.

# Youth Justice

## MSc

MSc Youth Justice offers you a unique opportunity to study the youth justice system in England and Wales. You will adopt a focused and critical standpoint in the study of relevant issues from within England and Wales and will be supported throughout to become an independent researcher and writer in the realm of youth justice.

In considering emerging critical youth justice research you will develop a sophisticated understanding of current policy and legislation and its historical development. You will look at current and rapidly developing changes in conceptions of 'children' and their treatment within and beyond current systems. You will also have the opportunity to engage in a comparative analysis of the approaches adopted in other jurisdictions in order to provide further critique of the current and developing picture in England and Wales, and evaluate the impact of research on practice and policy.

You will benefit from:

- a wide range of modules on law and criminology topics
- being taught by enthusiastic lecturers, many of whom are renowned in their area of expertise.

### Employability

Graduates will leave with the professional knowledge and capacity to independently practise, reflect, review and build upon disciplinary expertise and judgement. You will develop ethical practice, critical analytical skills, research skills and presentation skills which will enable you to share your criminological expertise in both academic and professional settings.

Graduate career opportunities include (but are not restricted to) government departments and criminal justice agencies, voluntary organisations / non-governmental organisations in the crime and justice field, international organisations such as the UN, and research and academia.

## Key facts



**Degree type:** MSc



**Course code:** M985



**Duration:** 1 year (full-time) or 2 years (part-time)



**Entry requirements:** 2:2 Bachelors (Honours) degree in criminology or a related subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.



**Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.



**IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Critical Youth Justice
- International Comparative Youth Justice
- Designing Criminological Research
- Qualitative Data Collection and Analysis.

You will also choose from a range of optional modules which currently include:

- Miscarriages of Justice
- International Criminology and Criminal Justice
- Understanding and Investigating Serious Crime
- Arts, Antiques and Heritage Crime around the World
- Criminological Theory and Perspectives
- International Perspectives of Green Criminology
- Law and Gender
- Migration and Asylum Law
- International Criminal Law
- International Environmental Law.

For more details and the latest information on our modules, see our website.

# MPhil, LLM by research

The MPhil and LLM are both one-year courses where you will be expected to produce a thesis of around 50,000-60,000 words.

You will work under the direction of one or more supervisors but are not required to attend any classes. After the year spent at Aberystwyth you will have up to two years to write up your research. Part-time study is also available.

Studying for a Research Masters offers many of the attractions of studying for a PhD. A Masters thesis should provide a detailed overview and critique of any area of law but it is not intended to provide an in-depth analysis in the same way as a PhD. The main advantage of the Research Masters, therefore, is that it enables you to complete a piece of research and obtain a qualification for it in a relatively short period of time.

## PhD

A PhD is awarded upon the satisfactory completion of a thesis of about 80-100,000 words followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of initial registration.

Part of the first year is spent undertaking research training, leaving the second and third years for full-time research into your chosen topic. A PhD enables you to become an expert in your chosen subject and to explore the intricacies of your subject, be it in law or criminology, in context. In order to satisfy the examiners, you must demonstrate originality of thought as well as detailed analysis.

A PhD is regarded as a major stepping stone in academic and academic-related careers. It signifies that you are capable of undertaking detailed research and of presenting the results of that research in an understandable way.

## DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment.

A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to your sector.

For further information see our website, or contact us.

## Our research

The Department of Law and Criminology is committed to and engages in research on matters of international quality in many areas of law and criminology including:

- anti-discrimination law
- comparative constitutional law
- constitutional theory
- corporate governance
- devolution and human rights
- e-commerce
- evaluation of crime control and reduction measures
- miscarriages of justice
- heritage crime
- victims and victimisation
- policing
- psychology and criminal investigation
- family and gender issues
- governance of criminal justice and crime policy
- human rights protection
- international criminal law
- international human rights law
- interaction of theory and practice in criminology
- IT aspects of contracting, dispute resolution, crime and regulation
- medical aspects of criminal law
- human trafficking
- protection of cultural property and heritage
- protection of vulnerable persons
- refugee protection
- rural crime
- treatment of offenders
- assisted suicide
- self-defence
- knife crime.

The Department's staff are actively involved with policy advising on a UK and international level, and have advised various national and international organisations and government departments on aspects of law and policy. These include the Constitutional and Legislative Affairs Committee of the National Assembly for Wales, the Council of Europe's Group of Experts Against Trafficking in Human Beings, the Older People's Commissioner for Wales, the UK Government, the European Union, International Organization for Migration, as well as the Organization for Security and Cooperation in Europe.

Since 2015, the Centre for Age, Gender and Social Justice within the Department of Law and Criminology has been awarded £1.7m to undertake a range of research projects on older people, domestic violence and abuse and justice mechanisms. The research is the first of its kind internationally to examine the 'lived experiences' of older victims when they seek justice and access support. Adopting innovative research methods, the team has exposed systemic ageism experienced by older people.

The Department boasts a diverse range of research expertise, and specific themes include research

involving those who are marginalised because of youth or old age, human rights, and constitutional law, devolution and the changing constitution of the United Kingdom.

The expertise of our staff includes membership of Council of Europe's Group of Experts on Action against Trafficking in Human Beings, membership of the Dyfed Powys police research board, and Wales Anti-Slavery Leadership Group, giving evidence to the Silk Commission on Devolution in Wales, and citations in the judgments of the International Criminal Court, to name a few.

### The Veterans Legal Link project

Veterans Legal Link was established in 2015 to address the legal advice deficit in Wales. The project invites lawyers and law students to assist veterans and their families in receiving free legal advice.

The service supports the reintegration of veterans and their families by providing a comprehensive signposting and referral service to legal advice and non-legal advice services. The project is run nationwide via online, telephone, Skype and face-to-face delivery methods.



Department of

# Life Sciences

## Taught degrees

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# Animal Science

## MSc

With a strong emphasis on student-centered study, this degree will enable you to pursue your own interests in animal science, whilst also acquiring the knowledge and skills needed for a successful career across the breadth of animal sciences.

On this course, you will study animal science and its application to nutrition, breeding and animal management. This will enable you to be ideally placed to ensure that the demands of production and welfare are appropriately balanced, through the development and implementation of innovative management practices and dissemination of knowledge and advice to practitioners.

You will benefit from:

- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career
- being taught by staff with an internationally renowned reputation for teaching and research in the animal sciences
- teaching supported by 800 ha of farmland, a 350 cow dairy unit, upland and lowland sheep flocks, and an equine teaching and research yard
- access to a range of world-leading first-class modern laboratories.

### Employability

This degree provides you with the knowledge and skills required to pursue a leading career in animal research and development, nutrition and welfare, academia, training and teaching, public and private commercial enterprise, advisory and consultancy work, government agencies and non-government organisations throughout the world. Many of our graduates have also progressed to PhD and Veterinary Medicine.

## Modules

Core modules that you may study on this course include:

- Animal Breeding and Genetics
- Infection and Immunity
- Research Methods in the Biosciences
- Dissertation.

### Animal Breeding and Genetics

Studies the potential for genetic improvement for economic and/or performance traits using Mendelian and molecular genetics.

### Infection and Immunity

Studies the role of immunology, bacteriology, virology and parasitology at a molecular and applied level in animal disease.

### Research Methods in the Biosciences

Will prepare you for your dissertation.

### Dissertation

Provides you with an opportunity to carry out a considerable in-depth investigative study in an area of your choice.

You will also choose from a selection of optional modules, which currently include:


- Equine Nutrition
- Livestock Nutrition
- Grassland Science
- Equine Reproductive Physiology and Breeding Technology
- Livestock Production Science
- Understanding Equine Action from Anatomy to Behaviour.


For more details and the latest information on our modules, see our website.


## Key Facts


 **Degree type:** MSc

 **Course code:** D310

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 15 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Animal Science

## MRes

The MRes degree differs from MSc Animal Science in that it places a much greater emphasis on research than taught elements. Providing you with a high level of research training, the MRes is an ideal stepping-stone for those considering a PhD in animal science or the wider field of animal/veterinary/biological science as well as careers in research and development.

Working under the supervision of active researchers with expertise in the field, you will develop a year-long animal science research project in the areas of production, reproduction, parasitology, nutrition, cognition or behaviour. You will be mentored in hypothesis-driven experimental design and will receive training in analytical techniques, statistical analysis and the interpretation of results. You will also explore other areas of animal science by studying two optional modules from a selection available.

You will benefit from:

- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career
- being taught by staff with an internationally renowned reputation for teaching and research in the animal sciences
- access to a range of world-leading first-class modern laboratories
- teaching supported by 800 ha of farmland, a 350 cow dairy unit, upland and lowland sheep flocks, and an equine teaching and research yard.


## Employability


This degree provides you with the knowledge and skills required to pursue a leading career in animal research and development, nutrition and welfare, academia, training and teaching, public and private commercial enterprise, advisory and consultancy work, government agencies and non-government organisations throughout the world. Many of our graduates have also progressed to PhD and Veterinary Medicine.


## Key Facts


 **Degree type:** MRes

 **Course code:** D311

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Subject to agreement with project supervisor. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 15 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you will study on this course include:

- Research Methods in the Biosciences.

You will also choose two from a selection of optional modules, which currently include:

- Infection and Immunity
- Animal Breeding and Genetics
- Equine Nutrition
- Equine Reproductive Physiology and Breeding Technology
- Understanding Equine Action: From Anatomy to Behaviour
- Livestock Nutrition
- Livestock Production Science
- Grassland Science.

### Animal Breeding and Genetics

Studies the potential for genetic improvement for economic and/or performance traits using Mendelian and molecular genetics.

### Infection and Immunity

Studies the role of immunology, bacteriology, virology and parasitology at a molecular and applied level in animal disease.

### Equine Nutrition

Studies the principles of nutrition as applied to feeding the horse for optimum growth, development and performance.

### Understanding Equine Action from Anatomy to Behaviour

Provides an understanding of equine anatomy, physiology and behaviour to optimise equine welfare, in particular performance horses.

For more details and the latest information on our modules, see our website.

# Biodiversity and Conservation Management

## MSc

The MSc in Biodiversity and Conservation Management meets the needs of future environmental professionals and attracts students from around the world. The course is research- and practice-led, and provides a sound overview of the theoretical background of biodiversity and conservation science.

This Masters degree is ideal for those wanting to pursue postgraduate studies in the fields of biodiversity, environmental science and conservation. It is also suitable for those already working in these sectors who want to obtain further relevant qualifications or for those working in other fields who wish to pursue this line of work.

You will benefit from:

- engaging with and working alongside stakeholders and conservation practitioners in real-world situations
- a magnificent range of habitats in and around Aberystwyth, from coastal to uplands
- experience in highly desirable skills such as remote sensing, GIS, taxonomy, habitat and conservation management, environmental impact assessment, as well as the latest molecular techniques
- being taught by internationally recognised researchers, consultants and industry professionals operating across a wide range of environmental topics

## Employability


As well as developing many critical subject-specific skills, you will also enhance your scientific communication, teamwork, problem-solving, data handling, study and research skills. You will develop and display professionalism that will allow you to excel in any future workplace.


Career opportunities exist with organisations involved in conservation or general environmental management, such as Natural Resources Wales, Wildlife Trusts, The Centre for Ecology and Hydrology, RSPB, National Trust, The Environment Agency, Local authority departments and NGOs. Many students have also progressed to PhDs.


## Key Facts


 **Degree type:** MSc

 **Course code:** J790

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor. There will be additional field trips during the first two semesters.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Fundamentals of Biodiversity
- Research Methods in the Biosciences
- Environmental Management and Conservation Biology
- Ecological Monitoring
- Introduction to Environmental Law and EIA.

### Fundamentals of Biodiversity

Develops your essential taxonomic skills from both the traditional morphological to modern molecular methods.

### Ecological Monitoring

Apply your taxonomic skills as you conduct surveys across marine and terrestrial settings for long term monitoring projects.

### Environmental Management and Conservation Biology

You will work with conservation and environmental stakeholders in real world settings to develop and critically evaluate ecological management and conservation practices.

For more details and the latest information on our modules, see our website.

# Biosciences

## MRes

This degree will provide you with the skills, knowledge and critical insight necessary for research in the biological sciences.

You will learn how to undertake excellent research and appreciate how research can address the grand challenges in biology that we face as a society.

Whichever area of the biosciences you are interested in, on the MRes Biosciences you will be able to engage with generic and specific skills through taught modules and supervised research training. The research training builds on the Department of Life Sciences' capabilities for novel and internationally important science in all areas of the biosciences, including agriculture, animal reproduction, aquatic biology, behaviour, biochemistry, cell biology, ecology, environmental science, evolutionary biology, exercise and health, genetics, microbiology, parasitology, physiology, plant and animal breeding, sport science and zoology.

The core element of this course is the MRes Dissertation which will allow you to specialise in a topic of interest to you. You will undertake a prolonged period of experimental work/data gathering and research under the supervision of your dissertation supervisor. The MRes is therefore an ideal stepping stone for those considering a PhD and/or a career in research.

You will benefit from:

- the chance to organise and participate in a research conference
- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career
- research projects supervised by leaders in their field.


### Employability


Throughout this course you will develop strong data collection/analysis, fieldwork and laboratory skills. You will have also learnt to work effectively and independently and will have enhanced your project management skills to deliver a demanding combination of research, analysis, communication and presentation.


## Key Facts


 **Degree type:** MRes

 **Course code:** C190

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Subject to agreement with project supervisor. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 10 hours a week in the first two semesters, and mutually agreed contact time with assigned supervisor throughout the year.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Research Methods in the Biosciences
- Dissertation.

### Research Methods in the Biosciences

Will prepare you for your dissertation.

You will also choose from a selection of optional modules, which currently include:

- Infection and Immunity
- Frontiers in the Biosciences
- Hot Topics in Parasite Control
- Ecological Monitoring
- Fundamentals of Biodiversity
- Field and Laboratory Techniques.

For more details and the latest information on our modules, see our website.

# Equine Science

## MSc

This long-established internationally recognised degree will provide you with advanced subject knowledge and professional skills in equine science to pursue a range of careers in the equine industry.

This course places a strong emphasis on student-centred study in order to hone your skills in original thought, analysis, interpretation and reasoning, as well as encouraging you to pursue your own specific areas of interest. Equine science and physiology along with its application to practice will be core themes running throughout the course.

You will benefit from:

- being taught by the longest-established provider of equine-related higher education in the UK with the MSc Equine Science established in 1978
- the opportunity to interact with internationally renowned researchers helping you make contacts for your future career
- teaching supported by a modern well-equipped equine teaching yard and the only dedicated fully-licensed equine research yard in the UK outside of veterinary colleges
- access to a range of world-leading first-class modern laboratories.


### Employability


As a graduate you will be ideally placed to enter the top careers in the equine industry or related professions in equine and animal research, development, academia, training, public and private commercial enterprise, advisory work, and government organisations in the UK and throughout the world. Many of our graduates have also progressed to PhD and Veterinary Medicine.


## Key Facts


 **Degree type:** MSc

 **Course code:** D391

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 15 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Animal Breeding and Genetics
- Infection and Immunity
- Equine Nutrition
- Equine Reproductive Physiology and Breeding Technology
- Understanding Equine Action from Anatomy to Behaviour
- Research Methods in the Biosciences
- Dissertation.

### Animal Breeding and Genetics

Studies the potential for genetic improvement for economic and/or performance traits using Mendelian and molecular genetics.

### Infection and Immunity

Investigates the role of immunology, bacteriology, virology and parasitology at a molecular and applied level in animal disease.

### Equine Nutrition

Studies the principles of nutrition as applied to feeding the horse for optimum growth, development and performance.

### Equine Reproductive Physiology and Breeding Technology

Considers the application of reproductive physiology to, and the use of advanced reproductive techniques in, the management of horses for breeding.

### Understanding Equine Action from Anatomy to Behaviour

Provides an understanding of equine anatomy, physiology and behaviour to optimise equine welfare, in particular performance horses.

### Research Methods in the Biosciences

Will prepare you for your dissertation.

For more details and the latest information on our modules, see our website.

# Equine Science

## MRes

The MRes degree provides you with the ideal opportunity to carry out research in a specific area of equine science, while studying a selection of taught elements relating to reproduction, anatomy, immunology, nutrition and genetics of the horse. Providing you with a high level of research training, the MRes is the ideal stepping-stone for those considering a PhD in equine science or the wider field of animal/veterinary/biological science as well as careers in research and development.

Working under the supervision of active researchers with expertise in the field, you will develop a year-long equine science research project in the areas of production, reproduction, parasitology, nutrition, cognition, behaviour, anatomy or exercise physiology. You will be mentored in hypothesis-driven experimental design, and will receive training in analytical techniques, statistical analysis and the interpretation of results. You will also explore other areas of equine science by studying two optional modules from a selection available.

You will benefit from:

- the opportunity to interact with internationally renowned researchers to become trained in the latest research techniques and to help you make contacts for your future research career
- access to a range of world-leading first-class modern laboratories
- teaching supported by a modern well-equipped equine teaching yard and the only dedicated fully-licensed equine research yard in the UK outside of veterinary colleges
- being taught by the longest-established provider of equine-related higher education in the UK with the MSc Equine Science established in 1978.


## Employability


As a graduate you will be ideally placed to enter the top careers in the equine industry to improve horse health, welfare and performance. You will be well suited to professions in equine and animal research, development, academia, training, public and private commercial enterprise, advisory work, and government organisations in the UK and throughout the world. Many of our graduates have also progressed to PhDs and Veterinary Medicine.

## Key Facts

 **Degree type:** MRes

 **Course code:** D393

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Subject to agreement with project supervisor. Non-graduates will be considered individually based on relevant work experience.

## Modules

Core modules that you may study on this course include:

- Research Methods in the Biosciences.

You will also choose two from a selection of optional modules, which currently include:

- Infection and Immunity
- Animal Breeding and Genetics
- Equine Nutrition
- Equine Reproductive Physiology and Breeding Technology
- Understanding Equine Action: From Anatomy to Behaviour.

### Animal Breeding and Genetics

Studies the potential for genetic improvement for economic and/or performance traits using Mendelian and molecular genetics.

### Infection and Immunity

Investigates the role of immunology, bacteriology, virology and parasitology at a molecular and applied level in animal disease.

### Equine Nutrition

Studies the principles of nutrition as applied to feeding the horse for optimum growth, development and performance.


### Equine Reproductive Physiology and Breeding Technology

Considers the application of reproductive physiology to, and the use of advanced reproductive techniques in, the management of horses for breeding.

### Understanding Equine Action from Anatomy to Behaviour

Provides an understanding of equine anatomy, physiology and behaviour to optimise equine welfare, in particular performance horses.

For more details and the latest information on our modules, see our website.

 **Contact time:** Up to 15 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.


 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.



Image with kind permission of Horses Inside Out.

# Livestock Science

## MSc

This degree offers biological, scientific and professional training that will provide you with the knowledge and skills required to pursue leading careers in the livestock industry, scientific research, consultancy services and education.

Food security is vital to the success and stability of any country and its population. Meeting the world's increasing demand for food is one of the most important challenges of the 21st century. Livestock Science is, and will remain, central to meeting this challenge. Not only is food quantity important, but so too is quality, with consumers continuing to demand a high quality product at an affordable price. These demands can only be met by the development and implementation of innovative concepts and ideas by suitably well-qualified graduates, who will also then drive forward these exciting developments in livestock science and production.

You will benefit from:

- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career
- teaching supported by 800 ha of farmland, a 350 cow dairy unit, and upland and lowland sheep flocks
- conducting research projects alongside research active staff - our livestock-related research was worth in excess of £20 million in the last 5 years
- access to a range of world-leading first-class modern laboratories.


### Employability


Graduates of this degree will have in-depth knowledge and a critical understanding of the key contemporary topics affecting the Livestock Sciences. You will acquire enhanced problem-solving, data handling, study, research and communication skills. Our graduates progress to careers in scientific research and publishing, laboratory work, animal nutrition, animal welfare, teaching, animal breeding and technical sales. Graduates have also progressed to PhDs or Veterinary Medicine.


## Key Facts


 **Degree type:** MSc

 **Course code:** D320

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 15 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules you may study on this course include:

- Animal Breeding and Genetics
- Infection and Immunity
- Livestock Nutrition
- Grassland Science
- Livestock Production Science
- Research Methods in the Biosciences
- Dissertation.

### Animal Breeding and Genetics

Studies the potential for genetic improvement for economic and/or performance traits using Mendelian and molecular genetics.

### Infection and Immunity

Examines the role of immunology, bacteriology, virology and parasitology at a molecular and applied level in animal disease.

### Livestock Nutrition

Studies the principles of nutrition applied to feeding livestock to optimise growth and development for meat and dairy production.

### Grassland Science

Studies the science of grass and forage production applied to its use as a livestock feed.

### Livestock Production Science

Examines the application of livestock science to the economic production of livestock to ensure food quality and quantity.

### Research Methods in the Biosciences

Will prepare you for your dissertation.

### Dissertation

Provides an opportunity for you to carry out a considerable in-depth investigative study in an area of your choice.

For more details and the latest information on our modules, see our website.

# Parasite Control

## MRes

Parasitism is the most successful lifestyle on the planet and leads to diverse and highly-damaging infectious diseases of agricultural, veterinary and biomedical significance. Therefore, a greater understanding of the parasite species responsible for these conditions and the means by which they are controlled remains a priority for scientists, healthcare professionals and farmers in the 21st century.

Specifically focusing on parasites and the diseases that they cause, you will gain expert knowledge in the detection, prevention and control of protozoan as well as metazoan animal and human pathogens. You will be trained in biochemistry, molecular biology, whole organism/cell culture and manipulation, bioinformatics, proteomics, transcriptomics, genomics, functional genomics, drug discovery, vaccinology, biomarker discovery, genetics/epigenetics, epidemiology, vector/intermediate host biology and ecology. At the end of the course you will understand how interdisciplinary methods can be brought to bear on controlling some of the deadliest infectious organisms on the planet and be ready to pursue your career in parasitology.

You will benefit from:

- studying a range of globally important parasites
- research-led teaching, providing insight into the future of veterinary and human parasite detection, prevention and elimination
- applying your knowledge to animal disease to understand disease etiology, pathogenesis, treatment and prevention
- developing practical and analytical skills relevant to your future career in parasitology.

### Employability


This MRes course will provide you with a range of vocational skills and prepare you for professional employment or further postgraduate PhD studies in parasitology or related disciplines (such as infectious diseases, public health and epidemiology).


You will develop strong skills in data collection and analysis, fieldwork and laboratory analysis, work in teams, and learn to write for audiences ranging from the academics to the wider public. You will improve your critical thinking and problem-solving, direct and sustain a self-initiated programme of study, and hone your project management skills to deliver a demanding combination of research, analysis, communication and presentation.


## Key Facts


 **Degree type:** MRes

 **Course code:** C111

 **Duration:** 1 year (full-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Subject to agreement with project supervisor. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Up to 10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Hot Topics in Parasite Control
- Infection and Immunity
- Research Methods in the Biosciences
- MRes Dissertation.

### Hot Topics in Parasite Control

Equips you with an advanced understanding of the current theories, techniques and underpinning biological research related to parasitic disease control.

### Infection and Immunity

Provides a detailed investigation into animal immunology, bacteriology, virology and parasitology both at the molecular and applied level.

### Research Methods in the Biosciences

Will prepare you for your dissertation.

For more details and the latest information on our modules, see our website.



# IBERS Distance Learning

Established in 2012, IBERS Distance Learning has an excellent track record in training agrifood professionals. Our aim is to support the sector to become more sustainable and resilient by helping it to adopt circular economy approaches. Our carefully curated online modules provide you with the latest thinking in sustainability practices and technologies as well as the communication tools to allow you to pass on this knowledge effectively. Our aim is to support the sector to become more sustainable and resilient by helping it to adopt circular economy approaches.

The 'pay-as-you-go', 'pick-and-mix' format means that you can take individual modules or build up to a range of postgraduate qualifications. So, if you are interested in ideas such as shorter supply chains, waste reduction and tools to identify carbon hotspots in sectors ranging from meat and dairy to vertical farming, this could be the programme for you!



## Agriculture A Distance learning course

### MRes

This degree provides an opportunity for students wishing to undertake research in any area of agriculture to engage with generic and specific skills through taught modules and supervised research training, through distance learning.

While each module covers a different area of technical expertise they all focus on the challenges facing pasture-based production systems and potential solutions. The MRes is an ideal stepping stone for those considering a DAgr and/or developing the research aspect of their career.

#### Contact time

We have designed our training to be as accessible as possible, particularly for those in full-time employment. Each taught module runs for 14 weeks via distance learning and can be taken for your own continuing professional development or interest, or built towards a postgraduate qualification.

A typical postgraduate student is expected to study for 200 hours when taking a 20-credit module. You should anticipate spending approximately 2-3 hours a week on online lectures, presentations and podcasts, and the remaining time on readings and assignments.

The research elements of our qualifications are carried out in your workplace with regular academic supervision. The training is web-based which means that as long as you have access to a reasonable broadband connection (and are able to stream videos such as on YouTube), you can study where and when best suits you. Learning material includes podcast lectures, e-group projects, guided reading, interactive workbooks and discussion forums, as well as assignments and e-tutorials.

#### Assessment

There are no exams within this course. Taught modules are assessed via course work and forum discussion. Research is monitored and assessed.

### Modules

Core modules that you may study on this course include Research Methods and a Research Project.

You will also be able to choose from a range of optional modules, which currently include:


- Business Management for Rural Entrepreneurs
- Genetics and Genomics in Agriculture
- Grassland Systems
- Organic and Low Input Ruminant Production
- Plant Breeding
- Ruminant Gut Microbiology
- Livestock Health and Welfare
- Livestock Production Science
- Silage Science.


For more details and the latest information on our modules, see our website.

### Key Facts


 **Degree type:** MRes

 **Course code:** D410D

 **Duration:** Up to 5 years (Distance Learning). Also available as a 3-year Distance Learning degree.

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Subject to agreement with project supervisor. Non-graduates must have at least 24 months of relevant full-time work experience in an agri-food industry.

 If you are employed full-time within the UK Agri-food sector you may qualify to receive a bursary. For more information visit: [ibersd.org.uk](http://ibersd.org.uk)

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Agrifood Innovation A Distance learning course

## MSc

The focus of this programme is on facilitating knowledge flow along the agrifood supply chain. It provides you with a detailed understanding of the challenges facing the agrifood sector and equips you with the technical and communication tools to instigate innovation and lead change.

Optional modules will allow you to delve more deeply into specific facets of the supply chain and/or to expand your repertoire of communication skills. All students will develop research skills and put these into practice via a work-based research project. Workshop-based modules usually involve the design and execution of a practical task as part of the assessed work.


### Contact time


Academic-focused modules are entirely online distance learning. Each module includes recorded lectures from academics and industry experts, presentations, podcasts, e-group projects, guided readings, interactive workbooks and discussion forums, as well as assignments and e-tutorials. Workshop-based modules comprise two 2-day workshops and a 1-day final session. A typical postgraduate student is expected to study for 200 hours when taking a 20-credit module. You should anticipate spending approximately 2-3 hours a week on online lectures, presentations and podcasts, and the remaining time on readings and assignments.


### Assessment


There are no exams within this programme. Taught modules are assessed via coursework (namely reports and essays, but also literature reviews, case studies, research proposals and data analysis tasks), online assignments, presentations and forum discussion. Workshop-based modules usually involve the design and execution of a practical task as part of the assessed work.


## Key Facts

 **Degree type:** MSc, PGDip, PGCert

 **Course code:** D67ND

 **Duration:** Typically 3 years, but up to 5 years

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or at least two years of relevant experience.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Sustainable Supply Systems
- Research Methods
- Work-based Dissertation.

You will also study four optional modules from a selection available, which currently include:

- Leading Change
- Coaching and Mentoring for Leaders
- Waste Resource Management
- Facilitation for Organisation Leadership
- Controlled Environment Agriculture
- Behaviour Change
- Livestock Nutrition
- Grassland Systems
- Livestock Production
- Silage Science
- Genetics and Genomics in Agriculture
- Livestock Health and Welfare
- Low Carbon Livestock
- Business Management for Rural Entrepreneurs
- Plant Breeding.

You may choose one option from Swansea University from:

- Fermentation for Food Applications (Swansea Module)
- Microalgal Technology - Towards a Circular Economy (Swansea Module)
- Membrane Technologies (Swansea Module).

The following additional modules are only available to past or current Nuffield Scholars:

- Nuffield Scholarship Project (New Awards)
- Nuffield Scholarship Project (Post-Completion).

For more details and the latest information on our modules, see our website.



# Agrifood Innovation A Distance learning course

## MRes

MRes Agrifood Innovation provides access to the latest thinking around the Circular Economy and is ideal for anyone with an interest in integrating this ethos into agrifood practice or policy. Aimed at those working with or within the Welsh agrifood supply chains, this course places greater emphasis on research than on taught elements and is an ideal stepping stone for those considering developing the research aspect of their career.

### Contact time

We have designed our training to be as accessible as possible, particularly for those in full-time employment. Each taught module runs for 14 weeks via distance learning and can be taken for your own continuing professional development or interest, or built towards a postgraduate qualification.

A typical postgraduate student is expected to study for 200 hours when taking a 20-credit module. You should anticipate spending approximately 2-3 hours a week on online lectures, presentations and podcasts, and the remaining time on readings and assignments.

The research elements of our qualifications are carried out in your workplace with regular academic supervision. The training is web-based which means that as long as you have access to a reasonable broadband connection (and are able to stream videos such as on YouTube), you can study where and when best suits you. Learning material includes podcast lectures, e-group projects, guided reading, interactive workbooks and discussion forums, as well as assignments and e-tutorials.

### Assessment

There are no exams within this course. Taught modules are assessed via course work and forum discussion. Research is monitored and assessed.

## Modules

Core modules that you may study on this course include:

- Research Methods
- Research Project
- Dissertation.

You will also study two optional modules from a selection available, which currently include:


- Waste Resource Management
- Meat Processing
- Sustainable Supply Systems
- Future of Packaging
- Life Cycle Assessment and Beyond
- Controlled Environment Agriculture
- Behaviour Change
- Livestock Health and Welfare
- Genetics and Genomics in Agriculture
- Biorefining Technologies
- Precision Livestock.


For more details and the latest information on our modules, see our website.


## Key Facts

 **Degree type:** MRes

 **Course code:** J792D

 **Duration:** Students register for 5 years (Distance Learning) but may finish in 3 years

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Subject to agreement with project supervisor, non-graduates must have at least 24 months of relevant full-time work experience in an agri-food industry.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Animal Science A Distance learning course

## PGCert

The Postgraduate Certificate in Animal Science at Aberystwyth University will provide you with a highly informed, high quality postgraduate teaching experience in the areas of equine/animal nutrition, equine reproduction, equine behaviour and anatomy, livestock nutrition and production, as well as grassland science. You will study animal science and its application to nutrition, breeding and animal management.

This course is taught by leading scientists in their respective fields and you will learn about the latest scientific advances in these primary areas of animal and equine research. This advanced subject knowledge and qualification is highly recognised by both the animal science industry and animal-related professions.

### Contact time

Our programmes have been designed to be as accessible and flexible as possible, particularly for those in full-time employment or living outside the UK. As long as you have internet access you can study wherever and whenever is convenient for you, enabling you to update your knowledge and develop your critical skills.

Each taught module runs over 14 weeks via distance learning and includes recorded lectures from academics and industry experts (where possible), along with guided readings, discussion forums and written assignments.

You will complete three 20-credit modules from a choice of six in order to gain the Postgraduate Certificate in Animal Science.

### Assessment


There are no exams within this programme. Taught modules are assessed via coursework (namely reports and essays, but also literature reviews, case studies, business plans and data analysis tasks), presentations and forum discussion.

## Key Facts

 **Degree type:** PGCert

 **Course code:** D312D

 **Duration:** 12 months

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Non-graduates will be considered individually based on relevant work experience.

## Modules

Core modules that you may study on this course include:

- Equine Nutrition
- Equine Reproductive Physiology and Breeding Technology
- Understanding Equine Action: From Anatomy to Behaviour
- Livestock Nutrition
- Livestock Production Science
- Grassland Systems.

### Equine Nutrition

Studies the principles of nutrition as applied to feeding the horse for optimum growth, development and performance.

### Equine Reproductive Physiology and Breeding Technology

Considers the application of reproductive physiology to, and the use of advanced reproductive techniques in, the management of horses for breeding.

### Livestock Nutrition

Studies the principles of nutrition applied to feeding livestock to optimise growth and development for meat and dairy production.


### Livestock Production Science

Examines the application of livestock science to the economic production of livestock to ensure food quality and quantity.

### Grassland Systems

Studies the science of grass and forage production applied to its use as a livestock feed.

For more details and the latest information on our modules, see our website.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Equine Science



## PGCert

The Postgraduate Certificate in Equine Science will provide you with a highly informed, research-led postgraduate teaching experience in the areas of equine behaviour and anatomy, equine nutrition, equine reproduction and breeding, as well as grassland science.

Aberystwyth University is a long established, internationally recognised provider of equine courses. Studying with us will allow you to acquire the advanced subject knowledge and professional skills needed to enter the top careers in the equine industry and related professions.

This distance learning course is taught by leading scientists in their respective fields and you will learn about the latest scientific advances in the primary areas of equine research. This advanced subject knowledge and qualification is highly recognised by both the equine industry and equine-related professions.

### Contact time

Our programmes have been designed to be as accessible and flexible as possible, particularly for those in full-time employment or living outside the UK. As long as you have internet access you can study wherever and whenever is convenient for you, enabling you to update your knowledge and develop your critical skills.

Each taught module runs over 14 weeks via distance learning and includes recorded lectures from academics and industry experts (where possible), along with guided readings, discussion forums and written assignments.

You will complete three 20-credit modules from a choice of four in order to gain the Postgraduate Certificate in Equine Science.

### Assessment

There are no exams within this programme. Taught modules are assessed via coursework (namely reports and essays, but also literature reviews, case studies, business plans and data analysis tasks), presentations and forum discussion.

## Key Facts

**Degree type:** PGCert

**Course code:** D392D

**Duration:** 12 months

**Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Non-graduates will be considered individually based on relevant work experience.

**IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

# Livestock Science



## PGCert

Food security is vital to the success and stability of any country and its population. Meeting the world's increasing demand for food is one of the most important challenges of the 21st century. Livestock Science is, and will remain, central to meeting this challenge. Not only is food quantity important, but so too is quality, with consumers continuing to demand a high quality product at an affordable price. These demands can only be met by the development and implementation of innovative concepts and ideas by suitably qualified graduates, who will also then drive forward these exciting developments in livestock science and production.

The Postgraduate Certificate in Livestock Science will provide you with a highly informed, high quality postgraduate teaching experience in the areas of livestock nutrition and livestock production, as well as grassland science. This course is taught by leading scientists in their respective fields and you will learn about the latest scientific advances in these three primary areas of livestock and animal research. This advanced subject knowledge and qualification is highly recognised by both the livestock/animal science industry and farming professions.

### Contact time

Our programmes have been designed to be as accessible and flexible as possible, particularly for those in full-time employment or living outside the UK. As long as you have internet access you can study wherever and whenever is convenient for you, enabling you to update your knowledge and develop your critical skills.

Each taught module runs over 14 weeks via distance learning and includes recorded lectures from academics and industry experts (where possible), along with guided readings, discussion forums and written assignments.

You will complete three 20-credit modules in order to gain the Postgraduate Certificate in Livestock Science.

### Assessment

There are no exams within this programme. Taught modules are assessed via written assignments (case studies, research proposals, research critiques, essays and reports).

## Key Facts

**Degree type:** PGCert

**Course code:** D321D

**Duration:** 12 months

**Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Non-graduates will be considered individually based on relevant work experience.

**IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Livestock Nutrition
- Livestock Production Science
- Grassland Systems.

### Livestock Nutrition

Studies the principles of nutrition applied to feeding livestock to optimise growth and development for meat and dairy production.

### Livestock Production Science

Examines the application of livestock science to the economic production of livestock to ensure food quality and quantity.

### Grassland Systems

Studies the science of grass and forage production applied to its use as a livestock feed.

For more details and the latest information on our modules, see our website.

# Sustainable Agriculture



## MSc, PGDip, PGCert

This degree focuses on increasing efficiency and reducing environmental impact within the extensive pasture-based production sector.

The programme provides flexible, accessible, postgraduate level training for people employed in the agri-food sector. Training comprises distance learning modules and work-based research projects. These are accessible as CPD or as credit-bearing units, which can be built towards a range of postgraduate qualifications.

### Contact time

We have designed our training to be as accessible as possible, particularly for those in full-time employment. Each taught module runs over 14 weeks via distance learning which can be taken for your own continuing professional development or interest or built towards a postgraduate qualification.


A typical postgraduate student is expected to study for 200 hours when taking a 20-credit module. You should anticipate spending approximately 2-3 hours a week on online lectures, presentations and podcasts, and the remaining time on readings and assignments.

The training is entirely web-based which means that as long as you have access to a reasonable broadband connection you can study where and when best suits you. Learning material for each 14 week module includes recorded lectures from academics and industry experts, presentations, podcasts, e-group projects, guided readings, interactive workbooks and discussion forums, as well as assignments and e-tutorials.


### Assessment


There are no exams within this course. Taught modules are assessed via coursework (namely reports and essays, but also literature reviews, case studies, business plans and data analysis tasks), presentations and forum discussion.


## Key Facts


 **Degree type:** MSc, PGDip, PGCert

 **Course code:** D413D

 **Duration:** Up to 5 years (Distance Learning). Also available as a 3-year Distance Learning degree (D413D3).

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent. Non-graduates must have at least 24 months of relevant full-time work experience in an agri-food industry.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

 For more information visit: [ibersd.org.uk](http://ibersd.org.uk)

## Modules

Core modules that you may study on this course include Research Methods module and the Dissertation.

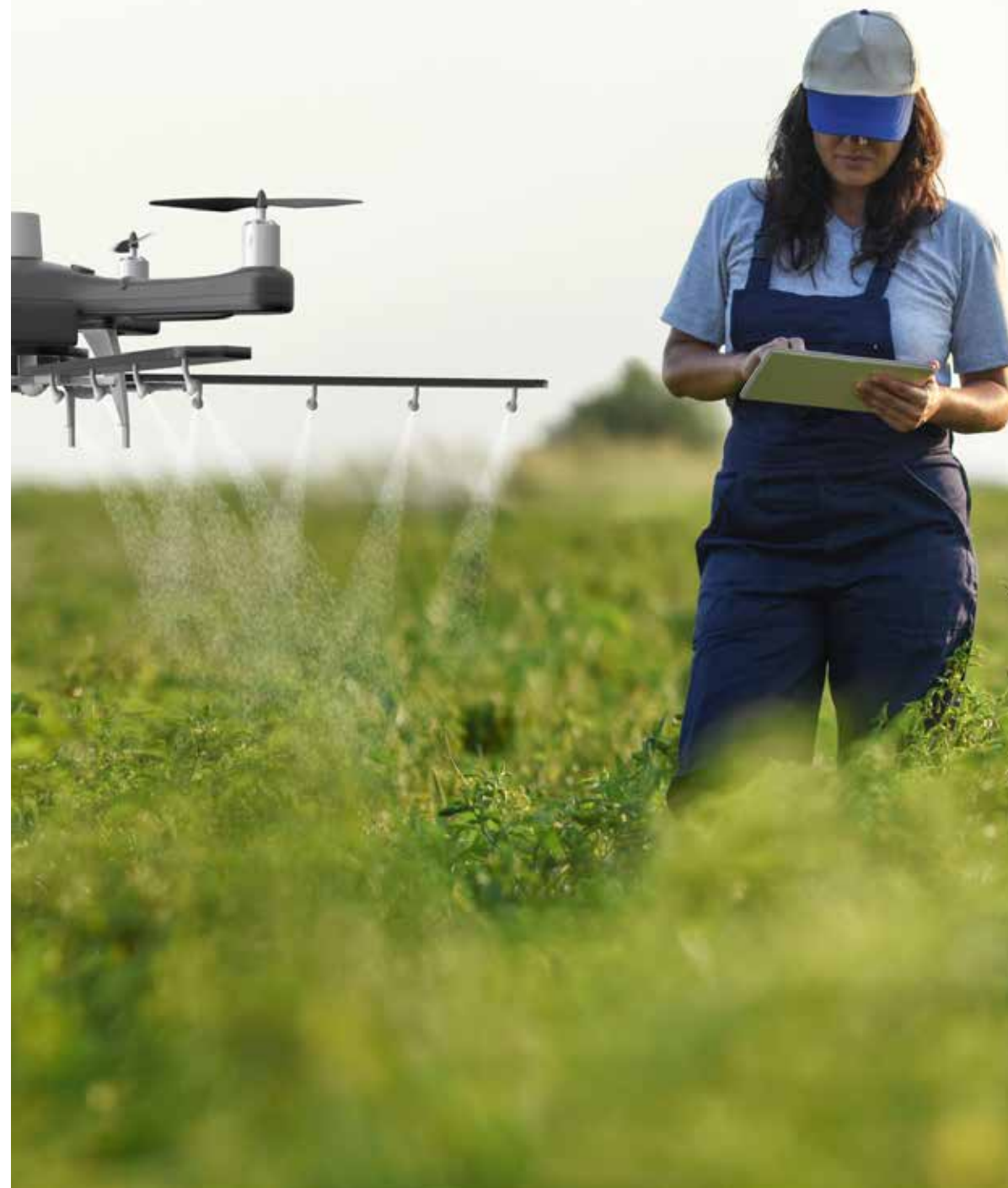
You will also study a range of optional modules from a selection available, which currently include:

- Business Management for Rural Entrepreneurs
- Genetics and Genomics in Agriculture
- Grassland Systems
- Plant Breeding
- Livestock Health and Welfare
- Livestock Production Science
- Silage Science
- Low Carbon Livestock
- Soil Science.

The following additional modules are only available to past or current Nuffield Scholars:

- Nuffield Scholarship Project (New Awards)
- Nuffield Scholarship Project (Post-Completion).

For more details and the latest information on our modules, see our website.



# Sustainable Horticulture



## MSc, PGDip, PGCert

Sustainable Horticulture is a distance learning programme designed for work-based horticulture practitioners who wish to develop their skills and knowledge in scientific horticulture, innovation, conservation and sustainability. It is also suitable for those aspiring to start or change to a career in horticulture, who wish to increase their employability by gaining a postgraduate qualification, or those with a more general interest in the subject.

The course is offered in collaboration with the National Botanic Garden of Wales (NBGW) and the Centre For Alternative Technology (CAT) Graduate School for the Environment. Students will benefit from Aberystwyth University's long tradition of innovative plant science research, NBGW's expertise in plant cultivation, propagation and conservation and CAT's globally respected approach to sustainability. Each institution has a world-leading reputation in their respective areas of expertise. This collaborative approach will equip tomorrow's horticulturalists to play their part in creating a more sustainable horticulture sector.

This course can be taken entirely by distance learning with the option of incorporating residential modules at CAT's environmental education centre in Wales.

### Contact time

We have designed our training to be as accessible as possible, particularly for those in full-time employment. Each taught module runs over 14 weeks via distance learning which can be taken for your own continuing professional development or interest or built towards a postgraduate qualification.

A typical postgraduate student is expected to study for 200 hours when taking a 20-credit module. You should anticipate spending approximately 2-3 hours a week on online lectures, presentations and podcasts, and the remaining time on readings and assignments.

### Assessment

There are no exams within this programme. Taught modules are assessed via coursework, such as reports, essays, interactive tasks (including presentations), case studies and business plans.

## Modules

Core modules that you may study on this course include:


- Introduction to Sustainability and Adaptation
- Sustainability and Adaptation Concepts and Practice
- Horticultural Science
- Conservation Horticulture
- Research Methods
- Dissertation.


You will also study a range of optional modules from a selection available, which currently include:


- The Science of Sustainable Food Production
- Food Production and Consumption
- Restoration Ecology
- Ecological Assessment
- Plant Breeding
- Controlled Environment Agriculture
- Life Cycle Assessment and Beyond
- Sustainable Supply Systems.


For more details and the latest information on our modules, see our website.


## Key Facts


 **Degree type:** MSc, PGDip, PGCert

 **Course code:** K341D

 **Duration:** Up to 5 years (Distance Learning).

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

 For more information visit: [ibersdLorg.uk](http://ibersdLorg.uk)

# MPhil, PhD, DAg, DProf

We offer MPhil, DAg, PhD and DProf degrees where students are guided and trained in the wide range of skills necessary to become 21st century research scientists.

Our students are integrated within a multi-disciplinary research environment encompassing both fundamental and commercially-linked research in agricultural, rural, environmental and biological science disciplines.

We carry out internationally important science in:

- plant, animal and microbial sciences
- agriculture
- cell biology and physiology
- biochemistry
- genomics
- bioinformatics
- parasitology
- marine and freshwater biology
- ecology
- plant and animal breeding/reproduction
- evolutionary processes.

## MPhil and PhD

These focus on research projects and involve in-depth study within a specific field which is compatible with the research interests of the University. Work produced is original and publishable work, the results of which are presented in a thesis and through an oral examination. Full-time research students must be in Aberystwyth for at least 44 weeks of the year.

## DAg and DProf

These Professional Doctorate programmes produce qualifications which, whilst being equivalent in status and challenge to a PhD, are more appropriate for those pursuing professional rather than academic careers. Our Professional Doctorate programmes comprise three taught modules carried out via distance learning and two work-based research projects supported through live and virtual supervisory meetings. While the primary academic focus is on the completion of an advanced piece of research, the collaborative route provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that research is relevant to industry.

For further information see our How to Apply pages, or contact us.

# Our research

Postgraduate research training and taught Masters research projects are completed with supervisors aligned with one or more of the Department's research groupings which collectively address four key societal challenges: sustainable agriculture, climate change, animal and human health, and biodiversity.

The research groupings are:

## 1. Sustainable agriculture & healthy food

- **Sustainable grassland agriculture** - understanding the impact of livestock products on the environment, developing the use of forage legumes to provide sustainable protein, conservation of soil fertility and ecosystem services.
- **Phenomic science & controlled environment agriculture** - understanding how plants respond to their environment, in the field, or in controlled environments.
- **Plant breeding for the future** - developing new crop varieties using conventional and new molecular breeding technologies to enhance performance and quality traits, reducing the environmental impact of agriculture, and accelerating progress for tackling abiotic and biotic stresses.
- **Diet and health** - linking food materials with the effect of diet and physical activity on health and disease, ageing and the management of chronic medical conditions.

## 2. Climate Change adaptation & mitigation

- **Greenhouse gas reduction in livestock agriculture** - helping the UK meet its net zero GHG emissions target by 2050.
- **Crops for sustainable energy and materials** - developing sustainable sources of biomass for renewable energy and materials, whilst decreasing GHG emissions (bioenergy with carbon capture and storage BECCS) and delivering ecosystem benefits including carbon sequestration.
- **Natural resources and the circular economy** - minimising waste through regenerative technologies, such as through biorefining (in the BEACON Biorefining Centre) and the recapture of components.
- **Marine environmental impacts and remedies** - understanding the responses of species to changing environments, and how changes in demographic change, geographical distribution, and genetic diversity interact with natural and anthropogenic stresses to affect the sustainability of marine systems and resources.

## 3. Interconnected animal & human health

- **Parasitology and helminth control** - studying a range of infectious diseases caused by viruses, bacteria, protozoa, microsporidia and helminths; working with partners from developed, low and middle income countries spanning academic, government and private organisations.
- **Bovine TB detection, protection and control** - understanding the biology of *Mycobacterium bovis* infection to underpin the development and use of new diagnostic tests and vaccines, and providing expert advice and support to government and other key stakeholders on bovine TB eradication.
- **Epidemiology** - studying the distribution and determinants of health-related events in human and animal populations (especially in farmed and wild animals in Wales) at both macroscopic and microscopic scales by investigation at the level of population rather than individuals.
- **One health and zoonotic diseases** - working on projects in Wales and internationally to improve health and wellbeing through the prevention of risks and the mitigation of effects of crises at the interface between humans, animals and their various environments.

## 4. Exploring & conserving biodiversity

- **Conservation and management of natural resources** - deepening our knowledge of how management impacts upon natural capital and ecosystem service provision e.g. the provision of drinking water and flood mitigation, soil carbon sequestration and storage, landscape and heritage management, and biodiversity.
- **Understanding and restoring ecosystems and their services** - studying how natural resources have been damaged by human activity or are affected by global climate change. Developing strategies for restoration including bioremediation of polluted systems, land management to promote water retention, adaptation of plant community composition for resilience to climatic extremes, and interventions to prevent species invasion.
- **Ecology and evolution, populations to ecosystems** - understanding how climate change variables (temperature, CO<sub>2</sub>, ocean acidification and ultraviolet radiation) will impact on ecosystems, and developing strategies for species, habitat and ecosystem conservation and management.



Department of

# Mathematics

## Taught degrees

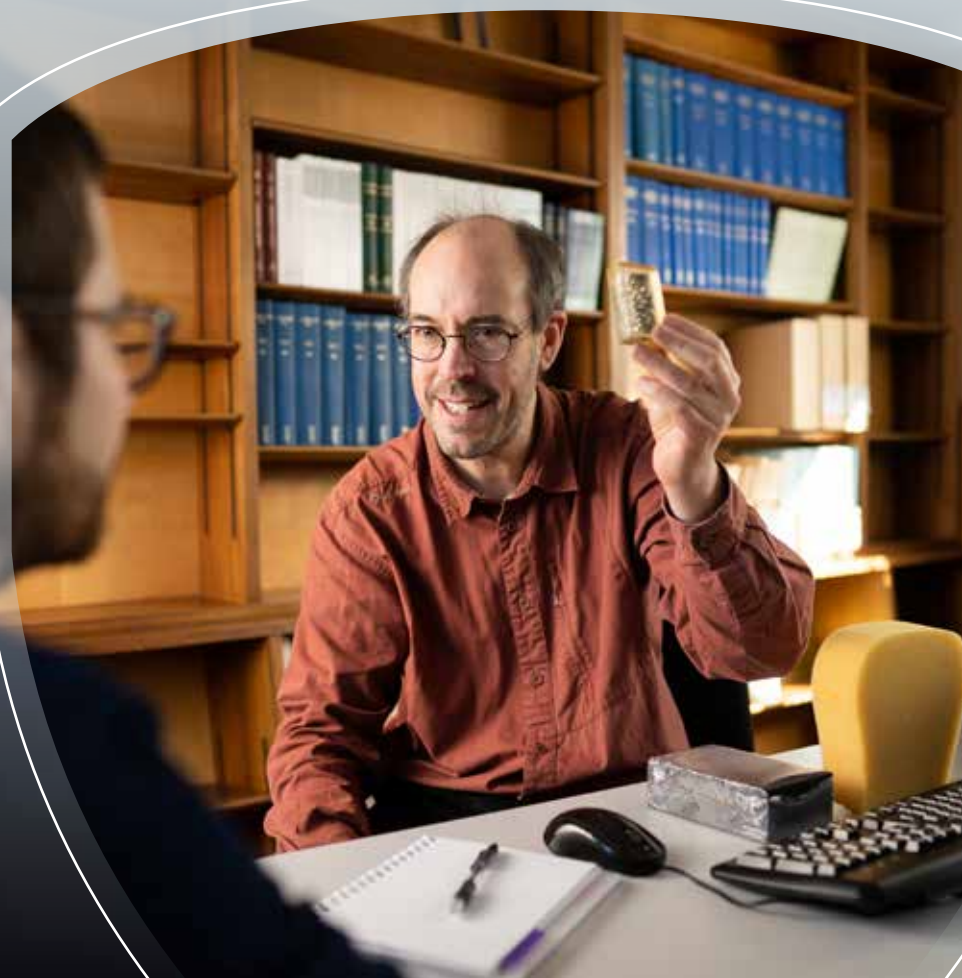
Data Science, MSc

p.123

## Research degrees

MPhil, PhD

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## Data Science

### MSc

Data Science is a rapidly growing specialism, with applications in business, government and science. In a wide range of situations, from banking to shopping, and from governmental bodies to the NHS, our everyday activities are leaving digital footprints and the world of work is being transformed. There is a high demand for Data Scientists, people skilled in extracting meaning from data and being comfortable working across the disciplines of Computer Science, Mathematics and Statistics, who are also able to integrate many streams of data to produce new, insightful syntheses.

Applications range from identifying customers' buying patterns to tracking the spread of a disease, from monitoring expensive machinery to logging and improving an individual's health.

Data Science is particularly appropriate as a focus for a generalist Masters degree in computing, providing opportunities for graduates of other disciplines to apply their new computing knowledge to their original field of study.

You will benefit from:

- the wealth of expertise and knowledge available from the Departments of Mathematics and Computer Science
- studying in departments with links to many major companies and a strong research focus
- being supported with your career planning throughout your degree.

### Employability

There is a huge demand for graduates with skills in 'Big Data'. Our Data Science graduates have gone on to work for companies such as Google and MarkLogic, for investment banks as product managers, and have also set up their own companies.

### Modules

Core modules that you may study on this course include:

- Modelling, Managing and Securing Data
- Programming for Scientists
- Statistical Concepts, Methods and Tools
- Applied Data Mining
- Machine Learning for Intelligent Systems
- Statistical Techniques for Computational Scientists.

### Modelling, Managing and Securing Data

Looks at a range of issues related to data handling performance and security in the context of computer systems. It will address not only confidentiality and privacy of data but also the integrity of data and guaranteeing reproducibility.

### Programming for Scientists

Teaches you the basics of programming and how to manipulate and organise data.

### Applied Data Mining

Teaches you how to query, search, mine and analyse very large amounts of data, which demands procedural and technological approaches that go beyond those typical of relational database systems.


### Machine Learning for Intelligent Systems


Introduces you to the main concepts of machine learning. You will learn how to practically investigate the issues involved in applying two machine learning methods to an appropriate data set.


For more details and the latest information on our modules, see our website.


### Key facts


 **Degree type:** MSc

 **Course code:** G490

 **Duration:** 1 year (full-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.





## MPhil, PhD

We offer PhD and MPhil degrees in a wide range of research areas in mathematics and statistics. Our research covers areas such as quantum information, quantum control theory, operator algebras, statistical shape analysis, mathematical modelling and numerical analysis of the dynamics of lattice structures, visco-plastic materials and complex fluids.

We offer studentships each year, with funding available for fees and stipends. We also offer three scholarships each year for non-EU postgraduates to cover the difference between overseas fees and UK/ EU fees.

For further information see our website, or contact us.

## Our research

Research projects are offered in consultation with the following research groups:

### Mathematical Modelling of Structures, Solids and Fluids

The group's interests cover diverse problems in solid and fluid mechanics, rheology and meteorology. Examples include the development of biomechanical models of the knee joint to aid minimally-invasive diagnosis of osteoarthritis; improved numerical algorithms for simulating the process of hydraulic fracture; determining the optimal geometry of perimeter-minimising cellular structures and sphere packings; using the concept of optimal mass transfer to give information about the accuracy of weather prediction; and predicting the flow of non-Newtonian fluids such as foams.

### Quantum Structures, Information and Control

The group works in the area of algebraic descriptions of quantum systems in interaction with their environment, and in particular the emergent field of quantum control engineering. This is a highly interdisciplinary field incorporating ideas from quantum information theory, non-commutative stochastic analysis, mathematical physics for open quantum systems, and modern control theory. Mathematicians in the group work closely with staff in the Department of Physics. From the mathematical side there is specific expertise in functional analysis, operator theory,  $C^*$ -algebras and Lie algebras, classical and quantum probability, which is applied to practical quantum models.

### Statistics

The group's interests cover three principle areas. The group uses spatial statistics and generalised linear models to model sighting data for marine mammals. Research is carried out into various aspects of species distribution modelling and the group is interested in the analysis of high-dimensional biological datasets from modern high-throughput biological applications such as metagenomics (specifically in bacteria).



Department of

# Modern Languages

Research degrees

MPhil, PhD

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## MPhil, PhD

We offer MPhil and PhD programmes in a wide range of topics. Students often spend a considerable part of their research period working in foreign libraries and/or archives, while remaining under the supervision of Aberystwyth University.

The main focus of your research degree will be a detailed dissertation, and you will receive regular supervision from specialists within the Department on its planning, creation and writing.

The MPhil normally takes one year of full-time research (two years part-time), after which students complete and submit a dissertation of up to 60,000 words.

The PhD normally takes three years of full-time research (five years part-time), after which students complete and submit a dissertation of 80-100,000 words.

Areas of research supervision include:

- **French:** Historical linguistics, Romance linguistics, Anglo-Norman linguistics and literature, history of travel and travel literature, history of reading and of journalism, literature and politics, form and genre, women's writing, historical films, early modern and Enlightenment literature and ideas.
- **German:** 20th- and 21st-century German prose; autobiographies and life writing; women's writing; German-Jewish literature; history and culture; Holocaust texts and translation; German-speaking refugees from National Socialism and especially the Kindertransport; postdramatic theatre and translation; German grammar and language anxiety; new tragic in European theatre and performance; Creative assessments in Modern Languages.
- **Spanish:** stylistic comparison of 19th-century

Spanish novels; North African comparative colonial literature; cosmopolitanism; geopolitics; landscape; science in Latin American literature and film; gender, identity and nation; cultural legacies of the Falklands/Malvinas conflict; avant-garde; 20th-century Hispanic poetry; women's cultural practice; and language learning and foreign language anxiety.

Our postgraduate students have been researching topics such as:

- Translating travelogues into the language of their destination
- Early 20th-century German women writers
- The translation of audio-visual Holocaust testimonies
- Loyalty in translating historical texts for modern times
- Language anxiety in the classroom
- The methodology of teaching subordinate clauses in Spanish
- Franco's propaganda in the 1950s: the child in the cinema
- Spanish writer Clarín's moral narrative
- Forms to express displacement and Maghreb identity in contemporary France
- Comparative analysis of Second Generation Kindertransport (UK-US).

For further information see our website, or contact us.

## Our research

Research in literature and linguistics by our staff is regularly published in article and book form, often in the countries concerned. Staff are active in organising conferences, both in Aberystwyth and elsewhere, and give papers in the UK and abroad. The Department also enjoys links with other universities and research groups across Europe.

The Department's research projects include:

### **Young colonial influencers? The French female student mission in Indochina (1924)**

Led by Dr Gábor Gelléri, this project is uncovering the forgotten history of a group of female students who were sent from France to today's Vietnam and Cambodia. Their task was to experience the 'great deeds of colonisation' and become 'influencers' on behalf of the colonial cause upon their return. They resisted this – but they did become important forerunners of exotic tourism.

### **The Anglo-Norman Dictionary Project**

Dr Geert De Wilde produces the Second Edition of the Anglo-Norman Dictionary (AND). Anglo-Norman is the form of French that was used in medieval Britain from 1066 until the 15th century and had a huge influence on the history and development of Modern English. The project team publishes, in stages and online, an expanded and fully revised version of the AND, together with new and advanced search options. [www.anglo-norman.net](http://www.anglo-norman.net)

### **Creative Modern Languages**

Led by Dr Alex Mangold, the project aims to identify examples of artistic research and creative assessments in Modern Languages in UK HE and to make them available in an online open hub for teachers and students. [www.creativemodernlanguages.uk](http://www.creativemodernlanguages.uk)

### **The Easy German Grammar Project**

Dr Alex Mangold aims to design and implement easy German grammar learning tools and memory aids for English native speakers.

### **Refugees from National Socialism in the UK**

Dr Andrea Hammel explores the lives and works of those who had to flee from Central Europe due to the National Socialist dictatorship. Recently, special focus has been on the experience of those resettling in Wales and those fleeing on the Kindertransport. This has resulted in exhibitions, and books for a general audience as well as academic outputs.

[wp-research.aber.ac.uk/nsrefugeeswales](http://wp-research.aber.ac.uk/nsrefugeeswales)

### **App development for Spanish Language**

This project, led by Dr Guy Baron, aims to create a new Spanish Language app. The Department of Modern Languages has developed a plethora of material for language learning, and the creation of an app would make this material more accessible in order to enhance students' learning experience. Working alongside the Department of Computer Science at Aberystwyth, who are supplying the technical expertise to build the app, the aim is to roll out apps for all the languages we teach and give language learning at Aberystwyth a modern twist that will be really attractive to students.

### **Representations of the Falklands / Malvinas Conflict**

Dr Jennifer Wood considers the cultural legacies of the Falklands / Malvinas conflict, including poetry, film, theatrical productions, fictional and non-fictional works. The project explores such areas as the framing of the soldier; gender, identity and national imaginaries; and memory and poetic affect. Recent outputs have included a knowledge-exchange event to commemorate the 40<sup>th</sup> anniversary, sharing poetry from both sides of the conflict.

### **Medlitpress 19th Century Project**

This project, led by Dr José Goñi Pérez, explores the fictional writing published in the medical and illustrated journals of 19th century by medical practitioners. Poetry, short stories, fictional dialogues, novels were published during a period of scientific discoveries and social changes. Doctors used fiction during this time to persuade both the upper class and politicians of the necessary social changes in hygiene and medicine. More interestingly this project analyses and compares the medical scientific research and the fictional writing of more than 30 doctors.



# Department of Physics

## Taught degrees

Space Engineering, MSc	p.131
Wireless Communications and Radio Frequency Systems Engineering, MSc	p.132

## Research degrees

MPhil, PhD	p.133
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# Space Engineering

## MSc

The MSc in Space Engineering at Aberystwyth University is the perfect choice for graduates with a first degree in a STEM subject who wish to develop knowledge and skills relevant to Space Exploration. This course is taught by experts in Space Science and Technology who are members of international teams and space missions studying the Sun, the Moon, and planetary systems. You will be given the opportunity to get involved in active research topics through your MSc project work.

An MSc in Space Engineering will give you the opportunity to tackle the challenges of Space Exploration. You will undertake project work alongside active researchers, and receive expert insight into the UK Space Industry from external speakers. Staff have expertise in modelling visualisation, ground-based experimentation and space instrumentation, with specialisms in photonics and robotics. This exciting new course merges the knowledge and experience that cuts across science, technology, engineering, mathematics and business at the University.

The range of modules available provides you with a fundamental knowledge of the Solar System and beyond and an appreciation of the technology and skills required to explore extra-terrestrial space, including design, observation, measurement, analysis, communication and project management.

### Employability

Designed to meet the needs of students pursuing a career in research as well as those seeking to expand their professional skills for a career in industry, this course will prepare you for a successful career in the UK and international space agencies, defence sectors and allied fields as engineers, consultants, managers or researchers.

You will gain advanced knowledge and understanding of space engineering and space exploration with additional skills in research, critical analysis and the interpretation of data, problem solving, report writing and delivering presentations.

## Modules

Core modules that you may study on this course include:

- Advanced Planetary Exploration
- Advanced Research Skills
- Professional and Research Skills
- MSc Project.

You will also choose from a range of optional modules which currently include:

- EM Theory & Microwave Devices
- Fundamentals of Intelligent Systems
- Quality & Engineering Management
- Project Management Tools and Techniques
- Programming for Scientists
- International Strategy and Operations
- Leading and Managing Projects
- Machine Learning for Intelligent Systems
- Computational Intelligence.


For more details and the latest information, see our website.


## Key facts


 **Degree type:** MSc

 **Course code:** FH57

 **Duration:** 1 year full-time

 **Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

# Wireless Communications and Radio Frequency Systems Engineering

## MSc

The Radio Spectrum, part of the wider electromagnetic spectrum, ranges from very low frequency (VLF) to extremely high frequency (EHF). In engineering, we consider the wireless connectivity between places, people, and devices, as a 'soft infrastructure', enabling mobile phone communication, navigation systems, radar systems, and many others.

This one-year full-time Masters degree will expand your theoretical knowledge and develop your technical, practical and analytic skills to harness the potential of the radio spectrum technologies essential in the running of a modern economy.

We have funded research collaborations in several key fields including advanced antennas for 5G and beyond, spectrum monitoring and management, and high-frequency outdoor RF testing. You will work alongside radio spectrum researchers and engineers to gain training in spectrum-based innovation, research and development. You will have the opportunity to study a variety of specialist topics such as radar, sensors and devices using research-led, theoretical approaches and practical work. A research project, linked strongly to industry demands and current research topics, will enable you to develop wider skills in research, communication and employability to provide you with a springboard into industry or further academic research.

### Employability

On completion of this course you will have gained advanced knowledge and understanding of the radio spectrum and of electromagnetism and its application to radio-wave propagation and sensing. You will be able to address complex problems in radio and its applications, supported by computer-aided packages, and will have gained additional skills in critical analysis and the interpretation of data, and how to communicate your findings orally and through written reports.

Graduates of this degree will be well placed for employment as engineers, technicians, consultants, researchers, and managers.

## Key facts



**Degree type:** MSc



**Course code:** F936



**Duration:** 1 year full-time



**Entry requirements:** 2:2 Bachelors (Honours) degree in a relevant subject area or equivalent.



**Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.



**IELTS:** 6.0 with minimum 5.5 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Advanced Wireless Networks - 5G and Beyond
- Electromagnetic Theory and Microwave Devices
- Antennas and Wave Propagation
- Professional and Research Skills
- MSc Project.

### Advanced Wireless Networks - 5G and Beyond

Provides a foundation of the fundamental principles of wireless spectrum and communication networks. Application of theory is supported through a series of practical/theoretical exercises in workshops.

### Electromagnetic Theory and Microwave Devices:

Introduces you to EM theory and its applications in microwave devices. You will gain an in-depth knowledge of microwave circuits, transmission line theory, types of transmission lines and impedance matching of the RF networks.

### Antennas and Wave Propagation

Focuses on developing a theoretical understanding of antennas, radio-frequency wave propagation and the use of electromagnetic (EM) principles in developing radio devices. Application of theory is supported through a series of practical/theoretical individual and group exercises in workshops.

For more details and the latest information, see our website.

# MPhil, PhD

We offer PhD and MPhil degrees in a wide range of research areas within Physics. These include:

### Space Physics:

- development of advanced data analysis tools for solar, solar wind and planetary/lunar physics
- investigating, through modelling and observation, the unknown heating mechanisms of the solar atmosphere and solar wind
- multi-spacecraft plasma observations in the solar wind
- impact of the solar wind on planetary atmospheres and space weather
- total solar eclipse observations
- development of instrumentation for solar observations and planetary exploration
- using radio telescopes to study the formation of stars across the galaxy
- investigating Jupiter's aurora using infrared telescopes.

### Materials & Quantum Physics:

- functional materials derived from diamonds and graphene
- supramolecular materials, optoelectronics, soft nanophotonics and low-dimensional semiconductors
- open quantum systems and sequential measurement processes
- quantum feedback networks.

Our world-class facilities include access to powerful Super Computing and custom-built spectroscopic and imaging equipment.

We offer studentships each year, with funding available for fees and stipends. Funding includes Research Council Studentships, industrial partnership Studentships, international studentships, Coleg Cymraeg Cenedlaethol (Welsh-medium) and Aberystwyth University scholarships. We also offer three scholarships each year for non-EU postgraduates to cover the difference between overseas fees and UK/ EU fees.

Note that some of the scholarships and funding sources have application deadlines that come quite early in the year (e.g. end of January), and that some funding applications ask for proposals which require input from staff members. Please contact us directly for advice. The Physics contact for PG studies is Huw Morgan ([hmorgan@aber.ac.uk](mailto:hmorgan@aber.ac.uk)).

For further information see our website, or contact us.



## Our research

Research projects are offered in consultation with the research groups below. We welcome informal queries from any potential PhD applicant interested in our fields of research.

### Space Physics

Energy and matter emerge from the Sun and flow through our heliosphere, interacting with planetary atmospheres and surfaces, powering many of the processes which shape our world and define the planetary environment we live in. The Space Physics Group studies this system from the formation of stars elsewhere in the galaxy, the development of eruptive features on the Sun, the evolution and structure of material in the solar wind, and the impact of this flow on the environments of the planets. Our research increasingly uses machine learning as a tool to interpret large datasets. The group is involved in several current or planned space missions, and has a programme of developing novel optical systems and robotic components for space exploration.

Our computational modelling, data processing and instrument development expertise is recognised in international collaboration and missions including ExoMars, JUICE, BepiColombo, PUNCH, and a project to develop operational space weather capability for the UK Met Office.

### Materials & Quantum Physics

Our research expertise lies in measuring and predicting the properties of materials at the atomic level using unique combinations of experimental and theoretical methods including bespoke instrumentation developed within the Department, and linking to macroscopic applications in photonic, radio and quantum technology. This has enabled interdisciplinary projects in sectors such as photonics (polymer opals), health (nanoparticles), space (camera calibration), energy (transparent conductors), and digital technology (quantum control). We have funded research partnerships in several key fields including low-dimensional materials, solar photovoltaic research, photonics, radio spectrum technology and quantum information/control.

Department of

# Psychology

## Taught degrees

Behaviour Change, MSc

p.137

## Research degrees

MPhil, PhD, DProf

p.138



# Behaviour Change

## MSc

The MSc Behaviour Change at Aberystwyth University takes a novel multi-disciplinary approach to equip you with the skills necessary to forge a successful career in this evolving and stimulating field. As you confront the complex issues faced at national and global level in areas such politics, crime, the environment, food security, health and education, you will explore creative solutions to a series of collective action problems and learn how to apply behaviour change principles to real-world challenges in key sectors.

This degree will imbue you with the knowledge and expertise required to inform organisations, influence policy-makers and implement strategic change in behaviours to have a positive effect which will benefit businesses, governments, communities and societies at large.

As part of your training you will design innovative, evidence-based solutions to the tangible behaviour change challenges faced by our external collaborators and professional partners, enabling you to see first-hand the impact of your recommendations in practical contexts.

You will benefit from:

- a thorough psychological grounding in behaviour change as well as a comprehensive sociological foundation
- training in collaborative problem-solving for contemporary challenges to prepare you for the workplace
- numerous coursework assessments and dissertation options based on experiential stakeholder-posed behavioural challenges
- tuition in quantitative and qualitative research methods
- guest lectures from external collaborators and stakeholders such as Public Health Wales, Hywel Dda University Health Board, Dyfed-Powys Police, Natural Resources Wales, Dwr Cymru (Welsh Water), local businesses and the Welsh Government.


### Employability


Graduates would be suited to roles in the health sector, business and management, local and national government, NGOs, lobbying, environmental planning and consultancy, and in any context in which it would be helpful, ethical, and desired to facilitate behaviour change.

## Key facts

 **Degree type:** MSc

 **Course code:** C801

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:1 Bachelors (Honours) degree, or equivalent, in any subject discipline, to include demonstrable evidence of prior study of behaviour change.

## Modules

Core modules that you may study on this course include:

- The Psychology of Behaviour Change
- Transdisciplinary Dialogue
- Quantitative Data Collection and Analysis
- Qualitative Data Collection and Analysis
- Behaviour Change in a Changing Environment.

### The Psychology of Behaviour Change

Will provide you with a thorough understanding of the psychological underpinnings of behaviour and behaviour change techniques.

### Transdisciplinary Dialogue

Brings together students from diverse disciplinary backgrounds with our external partners in a series of shared problem-solving tasks. The importance of transdisciplinary dialogue to the co-creation of impactful solutions in complex systems will be established theoretically and experientially.


### Quantitative Data Collection and Analysis and Qualitative Data Collection and Analysis


These Graduate School modules will be applied to behaviour change in supplementary small-group tutorials.

### Behaviour Change in a Changing Environment.

Explores the emergence of resilience and behavioural insights as tools of policy and considers their potential and limitations for managing socio-environmental change.

For more details and the latest information on our modules, see our website.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with your assigned supervisor during the dissertation period.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## MPhil, PhD, DProf

The Department of Psychology offers MPhil, PhD and DProf degrees that allow you to develop expertise in an area of psychology relevant to your chosen interest or employment field.

### MPhil and PhD

These focus on research projects and involve in-depth study within a specific field which is compatible with the research interests of the Department and the University. Work produced is original and publishable, the results of which are presented in a thesis and through an oral examination.

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of up to 60,000 words (depending on your topic and the nature of your project). A PhD is awarded upon the satisfactory completion of a thesis of up to 100,000 words (depending on your topic and the nature of your project) followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration.

### DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

Depending on what you study, psychology postgraduates can work in research and academia or in applied areas such as mental health, child protection, health promotion, product design and organisational psychology.

The Department is equipped with excellent teaching and research facilities including eye-trackers, sound attenuated chambers, biological measurements laboratory, qualitative research rooms, transcription rooms, experimental research cubicles, high-quality video editing facilities, EEG facilities and dedicated computer workrooms.

Our postgraduates are an important part of the research community in the Psychology Department. Postgraduates have access to work space via the graduate school with the option of shared offices in the Psychology Department for periods of research activity where available. You will be expected to review your training needs with supervisors on an annual basis, which may include training in methods, clinical research, and/or conference attendance.

For further information see our website, or contact us.





## Our research

The Department has a vibrant research community, with current projects ranging from community-based work in public health to risk assessment in youth justice. Researchers in the Department have delivered on over £1m worth of grant-funded projects.

Funders include the British Academy, Youth Justice Board, Home Office, Hywel Dda University Health Board, Health and Care Research Wales, Canadian Social Sciences and Humanities Research Council and the European Commission. The Department has current and past research links with organisations ranging from the NHS, Government Equality Office, and Dyfed-Powys Police.

The research interests of the staff are reflected in the department's diverse research groups and affiliated research centres. These groups are:

- **BioEnviroSocioHealth Psychology across the Lifespan – BESHPaL**  
This research theme includes research focusing on determinants and predictors of health and wellbeing across the lifespan, alongside potential interventions that aim to improve them; research focused on the interaction between social, environmental and biological components of psychology; and research which contributes to improving understanding, modelling or care for improved health outcomes of individuals, communities and specific populations across the lifespan (childhood to older adults).
- **BioBehavioural Psychology of Affect and Cognition (BBPAC)**  
BBPAC is a dynamically forming new group focusing on basic and translational research in cognitive and affective biopsychology and neuroscience. The aim is to advance the understanding of neurobiological underpinnings of cognitive and socio-affective functioning and explore the causes and treatments of conditions such as depression and anxiety, as well as neurodegeneration and wellbeing. From a cognitive neuroscience perspective, the group explores themes related to language processing and bilingualism, learning, attention, memory and forgetting, perception and social cognition.

- **Community Psychology for Health and Sustainability (CHAS)**  
CHAS brings together academics in psychology interested in examining the role of the community in improving people's health and wellbeing. Our vision is to improve our understanding of what factors are important to making vibrant communities for people that are healthy and sustainable. The CHAS research group will look at how we apply psychology to better understand what makes a healthy and sustainable community. These communities might be geographic in nature, including how rural and peri-urban communities work, or be communities of people with shared interests, beliefs or values.
- **Cyber-crime and Fraud**  
The Cyber-crime and Fraud research group aims to address the growing threats posed by internet-based criminal enterprises by examining the way in which psychology can help us understand our interactions with malicious communications. Current research is focused on issues such as phishing scams, vulnerability and designing crime prevention initiatives.
- **Humour and Creativity (HAC)**  
HAC aims to understand and promote humour and creativity in everyday life. The group facilitates research on all aspects related to either humour or creativity. The scope of the group goes beyond the impact that humour and creativity can have on health and wellbeing by trying to see how everyday humour and creativity are linked to both positive and negative outcomes in life. This may include relationship satisfaction, educational attainment, professional fulfilment, and more.



- **Language, Cognition and Culture**  
The LCC group's vision is to build shared understanding of how language, cognition and culture can shape and support communities. The group is developing and leveraging psychological knowledge about the underpinnings and mechanisms of human language and cognition to a broad range of primary and applied domains. Notably, we are also able to bring methodological expertise on specialist equipment and tools – such as eye-tracking, electrophysiology and language assessment measures – that can offer valuable insights into research questions relating to language and beyond.
- **Psychology of Rurality**  
The Psychology of Rurality group aims to improve the lives of individuals from rural areas through a better understanding of the psychological and environmental factors impacting rural communities and people. Current areas of expertise include rural health and mental health, the role of natural and green environments in supporting wellbeing, rural community cohesion and initiatives, language and identity in rural areas, transport and access to resources (physical and digital), rural inequality and sustainability.
- **Centre for Critical Psychology (CC-Psy)**  
The Centre for Critical Psychology (CC-Psy) focuses on psychology in society. It is interested in the way that ideas about what it means to be a good person or live a good life circulate and inform how people come to understand themselves and their behaviour. Critical psychology also focuses on the way that psychology is mobilised by government, health and education institutions and the implications of this when people take up these ideas to make sense of themselves.

### Associated Research Centres

The Department also has links with the University's Centre for Rural Health, which brings together the Departments of Psychology, Computer Science, Geography and Earth Sciences, Life Sciences and Aberystwyth Business School. Working collaboratively with Hywel Dda University Health Board, Powys Teaching Health Board, Rural Health and Care Wales, together with other relevant stakeholders, the Centre builds on the current expertise at Aberystwyth University to consider how interdisciplinary approaches can inform the understanding and future delivery of high quality healthcare to meet the needs of rural communities.

The Department hosts the Transport and Health Integrated Knowledge Research Network (THINK), which has been created to bring together people working in transport and health from policy, practice and academia to develop skills, experience and knowledge, practice-orientated research, impact activities and resources that will enhance public health. Research focuses on the impact of vehicles on air and noise pollution, injuries and deaths stemming from vehicle crashes, the impact of active travel on health, and the impact of vehicles on community severance (the impact of vehicles dividing communities).

The Centre for Transport and Mobility is co-hosted by the Psychology Department and the Department for Geography and Earth Sciences, which brings together academics from social sciences, engineering and humanities to address transport user experiences, habits and behaviour and the role of travel behaviour in sustainability.

The Department also collaborates closely with the Centre for Ageing and Dementia Research, addressing key internationally important questions in ageing and dementia through multidisciplinary activity from biological, psycho-social and environmental expertise, to inform social policy in ageing and dementia.

Department of

# Theatre, Film and Television Studies

## Taught degrees

Documentary Filmmaking: Landscape and Ecology, MA p.144

Performance Making, MA p.145

## Research degrees

MPhil, PhD, DProf p.146



Quarantine Theatre:  
Simon Banham

# Documentary Filmmaking: Landscape and Ecology

## MA

This unique Masters degree enables you to develop your practical skills as a documentary filmmaker in a research-led context with access to both film and digital technologies.

You will have the opportunity to explore a range of techniques, experiment with new approaches and take risks as you develop your own creative voice through a period of sustained reflection that leads to a final practical project. The course is designed to equip you with technical expertise, supported by a grounding in the key critical debates in documentary film. You will be encouraged to experiment with different media and methods, and to think about documentary as a form of both personal expression and political intervention, stimulating new ways of seeing and engaging with the world. You will benefit from departmental interests in documentary history and theory, space, place and landscape, activism and ecocriticism.

You will benefit from:

- dedicated equipment and facilities to work across digital, 8mm and 16mm film, including a digital research lab and darkrooms for analogue film and photography
- engagement with local and national organisations, such as the National Broadcast Archive of Wales
- workshops and masterclasses with high-profile visiting filmmakers, artists and industry experts
- project-based work and field trips in an inspiring location.

### Employability

On graduation you will be equipped with the creative and critical skills required to pursue a career as an independent filmmaker, artist or collaborator within professional organisations. You will gain advanced technical knowledge in your chosen specialisms, including camerawork, sound and editing.

## Key facts



**Degree type:** MA



**Course code:** P311



**Duration:** 1 year (full-time) or 2 years (part-time)



**Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience/professional practice.



**Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.



**IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

## Modules

Modules that you may study on this course include:

- Documentary Practices
- 16mm Filmmaking
- Space, Place and Visual Culture
- Behaviour Change in a Changing Environment
- Ecocriticism and Ecocinema
- Human Geography: Theory and Method
- Exhibiting Film
- Engaging Publics
- Practice Research Project
- Global Climate Change Debates and Impacts
- Indigenous Politics: Challenging the Global Order?

### Documentary Practices

Combining critical inquiry and creative practice, this module encourages you to develop your own authorial voice and to explore the possibilities of the documentary form, reaching beyond traditional techniques to find new and innovative languages.

### 16mm Filmmaking

Provides a rare opportunity for you to explore the material possibilities of 16mm film. Using our specialist lab and taught by experts in the field of photochemical film, you will explore Bolex shooting, hand-processing, optical printing, tinting and toning, as well as projection and installation.

### Ecocriticism and Ecocinema

Introduces you to the expanding field of ecocriticism, an environmentally conscious approach to the study of cultural productions that has impacted significantly upon film theory and practice.

For more details and the latest information on our modules, see our website.

# Performance Making

## MA

MA Performance Making is designed to support your development as a performance-maker and creative thinker. The course offers an enquiry-based and interdisciplinary approach, enabling you to experiment with a range of performance practices including live, site-specific, intermedial, scenographic, and object-based processes.

Located between the Cambrian Mountains and Cardigan Bay, Aberystwyth offers an inspiring natural and cultural environment with plenty of possibilities for research and creation. It's one reason why Aberystwyth has an established international reputation for site-specific and intermedial performance making.

You'll be taught in a dedicated co-working studio space which is yours to use throughout the course to propose, test and try ideas. Here you'll conceive, develop and produce three original creative works, develop your ability to critically reflect and evaluate, and learn how to engage with institutions, funders and the public. The course culminates in a major practical project.

Taught by a team of internationally recognised practitioners and academics, you'll develop your portfolio and profile as a performance-maker through sustained practical experiment and critical reflection.

You will benefit from:

- dedicated studios and workspaces in Aberystwyth's historic Assembly Rooms
- creative development led by internationally recognised practitioners
- access to an annual programme of departmental research seminars, with high-profile visiting speakers and performers
- access to the National Library of Wales and its archives
- working in an extraordinary and inspiring location and environment.

### Employability

Graduates of this course will be well-prepared to work within a breadth of creative and related industries as individual practitioners or as collaborators within creative companies and organisations. You will also acquire essential skills to pursue practice-based research and further academic study at PhD level.

## Key facts



**Degree type:** MA



**Course code:** W462



**Duration:** 1 year (full-time) or 2 years (part-time)



**Entry requirements:** 2:1 Bachelors (Honours) degree in a relevant subject area, or equivalent. Non-graduates will be considered individually based on relevant work experience/professional practice.



**Contact time:** Approximately 10 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.



**IELTS:** 7.0 with minimum 6.0 in each component. See page 157.

## Modules

Core modules that you may study on this course include:

- Creative Practice Project
- Engaging Publics
- Practice Research Project
- Space, Time, Material and Form.

### Creative Practice Project

Involves the creation of a substantial, original performance work, conceived, produced and presented collaboratively, facilitated by a professionally experienced member of staff and/or guest artist.

For more details and the latest information on our modules, see our website.

## MPhil, PhD, DProf

We have a vibrant community of research students working with us, who have come to us from across the UK, Europe and further afield. The range of topics and methodologies employed is exceptionally wide, covering textual, archival, historical, practice-based, empirical and philosophical studies. Research projects include work in English and Welsh, and across the whole range of theatre and drama, performance, scenography, media and communication, and film and television.

We offer an annual programme of research seminars, with high-profile visiting speakers and performers; a series of postgraduate forum seminars, designed to strengthen both specific and generic skills in all postgraduate students; and an annual three-day research conference, attended by staff and all postgraduates, where current research from across the Department is shared and discussed.

We welcome research in the following areas:

- aesthetics, politics and social engagement
- alternative, avant-garde and experimental theatre and film
- British cinema
- contemporary British and Irish theatre
- documentary film and television
- media history
- film, press and broadcasting censorship and regulatory policies
- film stardom and performance
- horror, fantasy and cult film and television
- intermediality and post-cinematic theatre
- landscape in film and performance
- minority-language theatre, film, television and online media
- performance and architecture
- national and transnational theatre and cinema
- performance, film, media and television historiography and archiving
- practice as research in relation to film, television, media, performance and theatre
- site-specific performance
- television drama, genres and aesthetics.

### MPhil

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of around 50,000-60,000 words. You will work under the direction of one or more supervisors but are not required to attend any classes. After the year spent at Aberystwyth you will have up to two years to write up your research.

### PhD

A PhD is awarded upon the satisfactory completion of a thesis of about 80-100,000 words followed by a viva voce examination. This will be shorter for a practice-based PhD with the exact weighting between theory and practice being decided according to the project you have in mind. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration. Part of your first year is spent undertaking research training, leaving the second and third years for full-time research into your chosen topic.

### DProf

The Professional Doctorate or DProf is more appropriate for those pursuing professional rather than academic careers and is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of an advanced piece of research. The collaborative aspect provided by a work-based research project provides an ideal opportunity to embed new knowledge in the workplace and ensure that your research is relevant to industry.

For further information see our How to Apply pages, or contact us.

## Our research

With an established international profile across its constituent disciplines, research in the Department of Theatre, Film and Television Studies (TFTS) foregrounds the study of theatre, film, performance and media within historically, geographically and politically located cultural contexts. It emphasises formal innovation, technological developments and interdisciplinary enquiry within a globalised cultural environment.

Our staff are involved in a broad range of research areas, including:

- site-specific performance
- performance and rural community
- relational scenography and the everyday
- space, place and landscape in film and television
- Welsh language media, theatre, and performance
- media history
- media and society in Wales
- media, performance, and sport
- performance and architecture
- dance and disability
- playwriting
- theatre and new media
- contemporary television aesthetics and convergence culture
- contemporary experimental film aesthetics
- ecology and new materiality.

We collaborate with artists, theatre companies, film and arts festivals, production companies, environmental organisations, archives, broadcasters and policy-makers.

### Centre for Material Thinking

The Centre for Material Thinking (CMT) was launched in November 2021. Housed in TFTS, it brings together several key research strands both within the Department and across the Faculty of Arts and Social Sciences.

The CMT aims to stimulate interdisciplinary research embedded in questions of materiality, matter and making. It responds particularly to the recent 'material turn' in both academic disciplines and artistic practice, which has given rise to new embodied ways of thinking about and relating to the world. From our patterns of consumption and disposal, social rituals and political affiliations, to our techniques of representation and modes of production, human behaviour is determined by a complex web of physical interrelations. The Covid-19 pandemic has thrown into relief many material relations that have previously either been taken for granted or simply ignored, and questions of space and place, communication and education, ecology and environment are now being reassessed from different perspectives.

The CMT is interested in creative responses to these questions, pursuing a range of theoretical and practice-based avenues for exploring how materiality matters in a contemporary context. How do we make meaning from matter and how do material entanglements determine the way we inhabit the world? How can new modes of representation bring about a greater awareness of the earthly problems and ecological crises that we must now negotiate as part of our daily lives? What role can the arts and humanities play in communicating the broader social and political implications of materiality? What new modes of understanding are opened up through creative explorations of materiality and physicality, both human and non-human? Implicit in these questions is the acknowledgement that traditional humanist paradigms are inadequate for our times, and that a deeper understanding of what Jane Bennett calls 'vibrant matter' is necessary for establishing more ethical ways of being.

The Centre explores four key research areas:

- Landscape and Ecology
- Body and Gesture
- Materials and Making
- Media and Technology.

Department of

# Welsh and Celtic Studies

## Taught degrees

Astudiaethau Cyfieithu Proffesiynol  
(Professional Translation Studies), MA, PGDip, PGCert p.149

Welsh and Celtic Studies MA p.150

## Research degrees

MPhil, PhD, DProf p.151

The National Library of Wales is located next to Penglais Campus, and welcomes all students to use their facilities.



# Astudiaethau Cyfieithu Proffesiynol

## (Professional Translation Studies)

MA, PGDip, PGCert

Taught through the medium of Welsh, the Professional Translation Studies degree is suitable for anyone seeking to develop a career in professional translation.

Funded by the Coleg Cymraeg Cenedlaethol, this national postgraduate degree is led by Aberystwyth University and involves collaboration with the University of Wales Trinity St David (UWTSD), who provide and teach the optional interpretation and subtitling modules. The scheme is flexible and students can choose to follow one of three pathways: Certificate (60 credits), Diploma (120 credits) or MA (180 credits).

The modules are taught by experts in this field, and there are work experience opportunities available. This is therefore an opportunity to work alongside professional translators in Wales's translation sector. You will have the opportunity to study translation techniques and theory, translation technology and resources, as well as the role of the translator in the workplace. It is very much a skills-based course with a strong focus on practical sessions and workshops.

You will be introduced to all aspects of translation, including general, legislative and specialist translation; translation technology; and international creative translation. Interpretation and simultaneous translation are delivered by UWTSD. You can also choose to complete a research project.

### Employability


The Professional Translation Studies MA will give you an opportunity to develop the skills that are necessary to forge a successful career in written translation and simultaneous translation. As language experts, this qualification will provide you with a solid foundation to confidently enter the translation industry in Wales, by supporting you to engage fully with the wider aspects of translation as well, such as subtitling.


You will also be a strong candidate for any job that requires editing and proofreading skills and, due to your solid language skills, you will be a great asset to the bilingual workforce in Wales.


### Key facts


 **Degree type:** MA, PG Dip, PGCert

 **Course code:** Q596

 **Duration:** 1 year (full-time) or 2 / 3 years (part-time); or module by module (PGCert 1 year part-time, PGDip 1 year full-time or 2 years part-time).

 **Entry requirements:** 2:2 Bachelors (Honours) degree or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** The course is taught through a series of intensive contact days spread throughout the year. Full details in the course handbook.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

### Modules

Core modules that you will study on this course include:

- Datblygu Sgiliau Cyfieithu
- Cyfarpar Cyfieithu
- Portffolio Cyfieithu 1 (Cyffredinol)
- Portffolio Cyfieithu 2 (Arbenigol)
- Cyfieithu ar Waith
- Cyflwyniad i Gyfieithu ar y Pryd.

Diploma and MA students can choose from the following optional modules:

- Meistroli Mynegiant yn y Gweithle Proffesiynol
- Prosiect Arbenigol
- Cyfieithu Creadigol Rhyngwladol
- Portffolio Cyfieithu 2
- Uwch Sgiliau Golygu
- Hanfodion Isdeitlo
- Ymarfer Cyfieithu a Golygu
- Cyfieithu a Byd Busnes
- Cyfieithu ar y Pryd: arfer ac ymarfer
- Dulliau Darllen.

MA students will undertake a 60 credit dissertation, Prosiect Estynedig.

For more details and the latest information on our modules, see our website.

# Welsh and Celtic Studies

## MA

The MA in Welsh and Celtic Studies degree is a unique course that enables students to explore the full range of Celtic languages and literatures, from the earliest period to the modern day.

Celtic Studies is a fascinating discipline, and this degree will give you the chance to study individual Celtic languages, as well as their literature and culture with expert tuition. Whether you are interested in language, literature or culture, you will be able to choose from a wide variety of subjects that appeal to you. Comparative modules will prepare you to critically examine the origins of the Celtic-speaking peoples and the intriguing historiography of Celtic Studies. In the dissertation module, you will work under the guidance of an expert to develop a research project which speaks to your own specific research interests.

You don't have to be fluent in Welsh or Irish to study this course. Its flexible structure makes it suitable for those who are entirely new to Celtic Studies as well as those who have studied Celtic languages and literatures at undergraduate level.

### Employability


Every element of the MA in Welsh and Celtic Studies enhances your employability. Alongside the development of your subject-specific knowledge and experience, an especially noteworthy strength of this course is the emphasis on personal development. As an emerging language specialist, your research and critical faculties will make you a strong candidate for doctoral research and any post where ideas and topics need research, analysis, discussion, expansion and classification.


Employers value the skills of creativity, research, analysis and discussion encountered on this course, which will stand you in excellent stead for entry into the competitive jobs market.


## Key facts


 **Degree type:** MA

 **Course code:** Q506

 **Duration:** 1 year (full-time) or 2 years (part-time)

 **Entry requirements:** 2:2 Bachelors (Honours) degree or equivalent. Non-graduates will be considered individually based on relevant work experience.

 **Contact time:** Approximately 10-14 hours a week in the first two semesters, then mutually agreed contact time with assigned supervisor.

 **IELTS:** 6.5 with minimum 5.5 in each component. See page 157.

## Modules

The core module on this course is:

- Dissertation.

You will also choose from a range of optional modules, which currently include:

- Comparative Celtic Literature
- Comparative Celtic Philology
- Cyfieithu Creadigol Rhyngwladol
- Early Medieval Welsh Poetry
- Introduction to Scottish Gaelic Language and Literature
- Medieval Saga Literature of Ireland
- Old Irish for Beginners
- The Mabinogion: Legendary and Arthurian Literature in Middle Welsh
- Welsh Language 1
- Welsh Language 2
- Women's Poetry in Ireland, Scotland and Wales 1400-1800
- Gerald of Wales
- Language Revitalisation in a Global Context
- Latin for Postgraduate Study
- Medieval and Post-Medieval Palaeography and Diplomatic
- Meistroli Mynegiant yn y Gweithle Proffesiynol
- Modern Irish for Beginners
- Post Medieval Palaeography and Diplomatic.

For more details and the latest information on our modules, see our website.

# MPhil, PhD, DProf

We encourage applications for MPhil, PhD and DProf qualifications, and will work with you to develop your research questions, from the initial application through to the completed thesis.

The MPhil is a one-year course (or two years part-time) where you will be expected to produce a thesis of around 50,000-60,000 words.

A PhD is awarded upon the satisfactory completion of a thesis of about 80-100,000 words followed by a viva voce examination. The normal period of registration is three years (full-time) and it is expected that the thesis will be submitted within four years of your initial registration.

The Professional Doctorate or DProf is designed to allow qualified professionals to study towards a doctorate while maintaining their employment. A DProf will be awarded in recognition of the successful completion of an approved taught programme of study, together with the successful completion of further study and research. This research can be directly linked to your organisation and may be of benefit to it.

For research degrees any subject may be chosen from the whole field of Welsh language and literature, or the languages and literatures (ancient, medieval and modern) of the other Celtic countries. Researchers in recent years have worked on scholarly editions of Medieval and Early Modern texts, and on topics as varied as personal names of men in Wales, Cornwall and Brittany, 400-1400AD; masculinity and medieval Welsh literature; costume in medieval literature c1100-c1600; the early poetry of Guto'r Glyn; the Red Bandits of Mawddwy in folklore and literature; the poetry of Lewis Morris; recusant literature; women and gender in Breton ballads; developing digital archives; the cultural and literary significance of contemporary pop songs; Welsh language science fiction; and the contribution of Myrddin ap Dafydd as a cultural figure.

We also supervise practice-based projects and encourage applications for MPhil and PhD qualifications in translation and creative writing.

Students can draw on the wide range of academic expertise provided by the Department's staff in both Welsh and other Celtic languages.

Aberystwyth University is part of the AHRC's South, West & Wales Doctoral Training Partnership (SWW DTP). This Research Consortium funds PhD scholarships in the arts and humanities and provides opportunities for cross-university supervision and training. Please contact us to discuss possibilities or visit the AHRC's website for further information about scholarships and the application process: [www.sww-ahdtp.ac.uk](http://www.sww-ahdtp.ac.uk).

For further information see our How to Apply pages, or contact us.

## Our research

The Department of Welsh and Celtic Studies is a research-led department and staff engage in research projects that encompass the linguistic and literary range of Welsh and the Celtic languages.

Research themes within the Department include:

- creative writing
- critical theory, notably feminism and gender studies, ecocriticism and environmental humanities, reader response theory
- biography and autobiography
- translation studies: theory and practice, including medieval textual scholarship and editorial skills
- critical study of contemporary poetry and fiction
- Welsh culture and letters between the wars
- popular literary culture in the 19th and 20th century
- women's writing: medieval, early modern and contemporary Wales
- regional and national identity in early modern and contemporary Welsh literature and culture
- 'four nations' and 'archipelagic' literature
- literature of the landscape and environment in early modern and contemporary Wales

- medieval Welsh prose and poetry: textual and thematic study
- the Mabinogion
- Dafydd ap Gwilym
- Welsh manuscripts and literary culture
- comparative Irish and Welsh Literature
- ancient Celtic languages and Celtic historical linguistics
- Pictish
- medieval and modern Irish language and literature
- language revitalization
- the politics of minority languages and the economy
- Manx.

Aberystwyth is home to a number of other key institutions in the cultural life of Wales, notably the Royal Commission on the Ancient and Historical Monuments of Wales; the National Library of Wales; the Books Council of Wales; the University of Wales Centre for Advanced Welsh and Celtic Studies; the University of Wales Dictionary of the Welsh Language; the *New Welsh Review*; and broadcasting studios, including the BBC.



# How to apply

## Apply for a Taught Masters



### International applicants

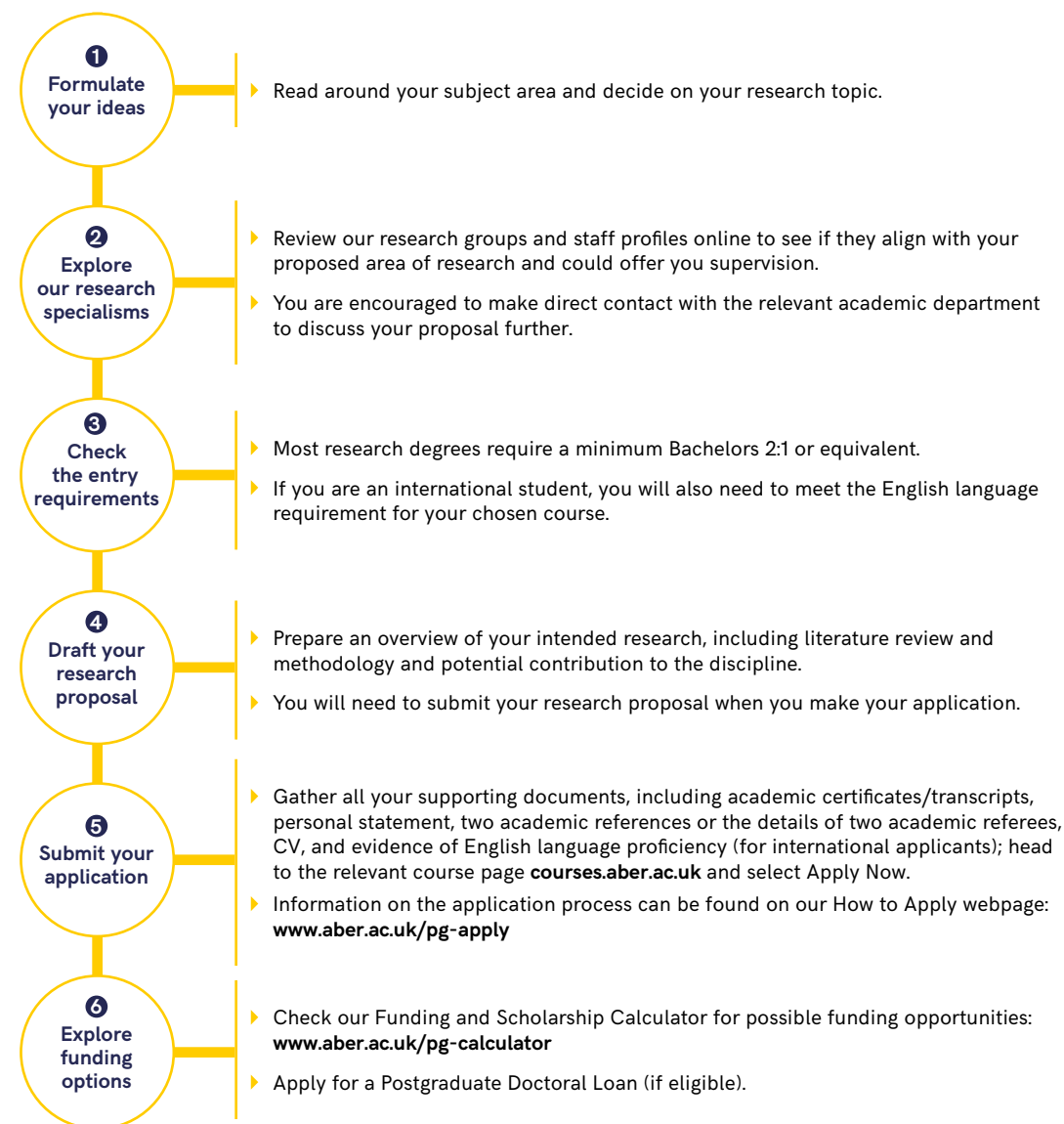
- ▶ Check visa regulations with our Visa Support & Advice Service: [www.aber.ac.uk/visa-support](http://www.aber.ac.uk/visa-support)



### Additional information

Additional information on the application process can be found on our How to Apply webpage: [www.aber.ac.uk/pg-apply](http://www.aber.ac.uk/pg-apply)

## Apply for a research degree



### International applicants

- ▶ Check visa regulations with our Visa Support & Advice Service: [www.aber.ac.uk/visa-support](http://www.aber.ac.uk/visa-support)
- ▶ If you are studying a science degree, you may require ATAS clearance (Academic Technology Approval Scheme). Information on ATAS will be provided in your offer letter, if applicable.



# International Aberystwyth



## Global reputation

Aberystwyth University's reputation for teaching and research is nationally and internationally recognised. We're placed Top 3 in the UK for Teaching Quality and Student Experience by The Times and Sunday Times, Good University Guide 2024, and 98% of research at the University is of an internationally recognised standard or higher (REF 2021).

Our long and distinguished history of cutting-edge research has enabled us to establish many high-profile relationships with other universities and organisations worldwide. Our graduates leave Aberystwyth with the skills, knowledge, and expertise they need to continue onto their next steps in their chosen career.



## Financial Support

We have many scholarships and bursaries at Aberystwyth, including our International Accommodation Award whereby international fee-paying students can apply for accommodation within the cost of their fees. For more information see: [www.aber.ac.uk/international-fees](http://www.aber.ac.uk/international-fees)



## Visa support

We have a dedicated International Student Advisor who offers specialised advice on study visas, graduate visas and supports those wishing to extend their visas in the UK. Immigration advice provided by the International Student Advisor is regulated and therefore ensures that students receive friendly and efficient visa guidance.



## Academic entry requirements

Having taught international students since 1872, we pride ourselves on understanding global education systems, and recognise qualifications from all over the world. For entry requirements specific to your country, see: [www.aber.ac.uk/countries](http://www.aber.ac.uk/countries)

Aberystwyth University is proud of its unique offering for international students. Our global ranking, vibrant and multicultural community and incredible location attracts students from over 100 countries worldwide.

English language requirements and support Through our International English Centre, Aberystwyth University excels in supporting English language ability among our international students.

You will find the English language requirements for each of our degree programmes listed under the programme title.



Scan me for information on our English language requirements.

[www.aber.ac.uk/en/study-with-us/international/english-requirements/](http://www.aber.ac.uk/en/study-with-us/international/english-requirements/)

## How to apply

International students can apply directly to the University by finding their chosen course on the website and clicking 'Apply Now'.

## Contact us

The International Recruitment and Development team have friendly staff based in the UK and overseas ready to answer any questions you may have.

@ international@aber.ac.uk

www.aber.ac.uk/international

f + @ aberystwyth.university

www.weibo.com/aberystwyth

# English language support

## Pre-sessional English courses

Our pre-sessional English courses are designed to improve your English language and academic study skills before you start your degree at Aberystwyth University. If you have an offer of a place on a degree programme but have not met the English language entry requirement, you can take one of our pre-sessional courses.

The University offers 6-week, 12-week, 30-week, and 42-week courses. The length of course you need depends on your current IELTS score, and the entry requirement of your future department.

Your IELTS for UKVI score now	Computer Science / Business	All Other Subjects
4.0 (with no score below 4.0)	42-week course	n/a
4.5 (with no score below 4.5)	30-week course	42-week course
5.0 (with no score below 4.5)	12-week course	30-week course
5.5 (with no score below 5.0)	6-week course	12-week course
6.0 (with no score below 5.5)	Optional	6-week course

A pre-sessional course gives you the opportunity to develop your academic English, settle into Aberystwyth University and make friends so that you can begin your degree with confidence. Students can choose to take a pre-sessional course even if they have an unconditional offer for their degree.



Scan me for further information on dates and fees for our Pre-sessional English courses

## English language support whilst you study

We provide in-sessional support to students who want to improve their academic English whilst studying.

## One-to-one English language support

The International English Centre offers one-to-one consultation sessions for international students, focussing on English language skills in the academic context.

The sessions are free and open to all students. Our experienced English language tutors will give you advice and guidance of your use of English on your assignments or presentations.

## Postgraduate academic writing workshops

During term time, you can join the Academic Writing workshops. The workshops provide guidance on academic writing in English; how to focus your writing for assessments; how to write concisely in English, for example.

The workshop is specifically designed for postgraduate students and is an opportunity to further develop your academic skills and improve upon your assignments.



Rehab Elkarkary

## Egypt

My English course was motivating, challenging and well-organised. The teachers are fantastic and really understand our needs.

# Accommodation

## Your next home



Many members of our postgraduate community choose to live on campus. At Aberystwyth, we are pleased to offer our postgraduate students guaranteed accommodation in University-owned or managed accommodation\*.

Our accommodation fees also include free Platinum membership to the University's Sports Centre to support your health and wellbeing.

Whether you prefer an ensuite room, a standard room or a self-contained studio, we have a variety of options to suit your budget, all within easy walking distance or situated on campus. We have dedicated accommodation for students who are Welsh speakers or learners and would like to live in a Welsh-speaking environment, and a dedicated postgraduate residence, Rosser G, which is available on a 50-week contract.

Accommodation fees typically range from £114.72 - £205.31 per week, self-catered or catered, depending on the residence chosen, and are inclusive of utility bills, internet connection, high speed wi-fi and personal contents insurance. You will also have access to laundry facilities, student lounges and learning centres, secure cycle storage and parking.

The **International Accommodation Award** provides international students with accommodation included in the cost of their fees. Terms and conditions apply. For more information see: [www.aber.ac.uk/international/fees-scholarships](http://www.aber.ac.uk/international/fees-scholarships)

Private sector accommodation is available in the town or local area for students who prefer this option and there are a number of letting agents in Aberystwyth to help you find something suitable. All rooms in University-owned or managed accommodation are single occupancy; therefore students bringing their families or other dependents should seek private accommodation in the local area.



\*New postgraduate students are guaranteed a place in University-owned or managed accommodation for the first year of their studies, provided you apply by 1 September in the year of entry (3 January for students starting in January).

Please note that a place in University-owned or managed accommodation is guaranteed, but not a specific type of room or location.

Please see our website for information: [www.aber.ac.uk/accommodation](http://www.aber.ac.uk/accommodation).



**Free Sports Centre  
Platinum membership**



**Guaranteed  
accommodation\***

# Fees and funding

We understand that advancing your education to postgraduate level is a significant financial commitment. That's why, if you're considering a postgraduate course, it's a good idea to think about your funding options as soon as possible.

## Funding sources

Funding sources are subject to various eligibility criteria and some are highly competitive. You should research your funding options early to ensure that you can meet application deadlines. Even if you can't find full funding for your programme, you may be able to secure partial funding from a number of different sources. Use our Funding and Scholarship Calculator to find possible funding opportunities for both taught and research programmes: [www.aber.ac.uk/postgraduate-calculator](http://www.aber.ac.uk/postgraduate-calculator)

## UK Government funding

Postgraduate Masters and Doctoral loans from the UK Government are available to support UK students who fulfil the eligibility criteria. Funding varies depending on where you live in the UK.

See [www.gov.uk/funding-for-postgraduate-study](http://www.gov.uk/funding-for-postgraduate-study) for information about postgraduate loans, studentships, charities and trusts, learned societies and other funding opportunities.

## Tuition fees

Your tuition fee is determined by a combination of factors, including which course you intend to study, and where you live. Information about our fees for taught and research programmes, and distance learning may be found online: [www.aber.ac.uk/postgraduate-fees](http://www.aber.ac.uk/postgraduate-fees)

You will be classified as either a 'Home' (UK) or an 'International' applicant. If you are unsure which category you fall into, please visit the fees and finance section of this website: [www.ukcisa.org.uk](http://www.ukcisa.org.uk)

Tuition fees are subject to annual increase.



## Additional funding sources

### AberDoc Scholarship

These prestigious scholarships are awarded through a competitive process to PhD candidates in any discipline who display academic excellence. They cover tuition fees (up to the UK (Home) rate) for the student's period of registration, a maintenance allowance and access to a travel and conference fund.

### AberGrad Scholarship

The AberGrad Scholarship is available to graduates of Aberystwyth University undertaking a taught Masters course. You do not need to apply separately for this scholarship as it is automatically awarded and applied to eligible students on enrolment.

### Disabled Students' Allowance

Disabled Students' Allowance (DSA) can help with study-related costs you may have because of a mental health problem, long-term illness or other disability. This can be in addition to any student finance you receive.

### Work while you study

Our Careers Service can help you secure part-time, casual or regular employment within the University or local area.

### International students

Funding opportunities may be offered within your home country via the British Council and other external funding providers.

Inclusive accommodation is available via our International Accommodation Award.

# Your future

**Undertaking a postgraduate course demonstrates dedication and commitment. It is not only an investment in time and money, but an investment in your future.**

At Aberystwyth, we embed employability into all our courses to help you succeed in your chosen career. Not only will you gain a greater depth of specialist knowledge and a range of transferable skills which employers value, but our courses can also develop your professional competencies in research, leadership and project management.

Our Masters programmes are designed to further your career aspirations, boost your earning potential and help you secure the future you want. As well as high quality teaching from experts in their fields, your course may also include:

- skills-oriented vocational training
- specialist insights via guest lectures from industry professionals and stakeholders
- workshops and masterclasses with industry experts and practitioners
- collaboration with companies and organisations to devise creative solutions to real-world problems
- fieldtrips to relevant organisations and businesses
- assessed work placement modules
- departmental seminar series and student conferences to facilitate knowledge sharing
- teaching which is enhanced through our connections with industry
- highly developed research skills.

“ Interview panel impressed by the course content...not many graduates have specific experience working with industry...really stood out from other candidates. ”

Graduate recruited by the James Hutton Institute



## Careers service

Wherever you are on your career journey, our experienced and professionally qualified staff can help you identify your next step. Our careers provision includes:

- one-to-one appointments with a careers consultant to discuss your future plans
- help to compile your CV and make applications to employers
- help with interview preparation
- help to source work experience opportunities while you study
- links with employers, alumni and professional bodies to progress your career journey.

## Supporting entrepreneurship

The University also offers support to students and staff to help turn their business ideas into reality. AberPreneurs helps clients with information, advice, training and funding, and runs a series of free enterprise events throughout the year. It provides one-to-one mentoring from a professional business consultant, and hosts InvEnterPrize - the University's annual £10,000 Dragons' Den-style student ideas competition.

Our Innovation and Enterprise Campus, AberInnovation, with its state-of-the-art facilities, offers an ideal environment for business and academic collaboration to flourish. AberInnovation provides assistance with research and development activities, facilitating new product and process development, and accelerates routes to market.

# Student support

**At Aberystwyth, students have access to a range of support and wellbeing services. Working with you, our friendly staff can help you achieve solutions for most of the challenges you may face in student life.**

## Advice and Money Support

The Advice and Money advisers provide support on a wide range of issues. Our Student Advisers are accredited by The National Association of Student Money Advisers (NASMA) and can also signpost you on any queries relating to accommodation, personal issues, academic progress and university life.

## Accessibility and Inclusion

The University is committed to maintaining a community that is accessible for everyone and welcomes applications from a diverse range of students. The Accessibility Advisers provide support, not only to disabled students and those with specific learning differences, but also to care leavers, trans and non-binary students, and other unsupported students.

If you have a disability or health/neurodiverse condition, we recommend that you visit or contact us before you apply to discuss your needs and the support we can offer you. For eligible students, our advisers can arrange support workers, including one-to-one study skills support. Individual examination arrangements or alternative assessments may be available for disabled students or those with health/neurodiverse conditions.

We also recommend that you contact our Accessibility Advisers to discuss a study needs assessment and to get advice on grants, such as the Disabled Students' Allowance (DSA).

## Student Wellbeing Service

At Aberystwyth, we have a team of professionally qualified and registered counsellors and mental health specialists. Our focus is to work with you, using solution-focused techniques, to build your resilience and help you develop a toolkit of skills which will enable you to manage your wellbeing while at university and beyond. Where appropriate, we will direct you to self-help materials or online platforms, or may refer you to specialist external support where that best meets your needs.

## Signpost Mentoring

Signpost Mentoring is a friendly and confidential peer-mentoring scheme for all new students. It offers one-to-one advice to help you settle into university life, plan for the future, and make the most of your time at university.

## Visa and Immigration Advice

The International Student Adviser provides specialised advice on study visas to prospective and current EEA and non-EEA students who come to study at Aberystwyth University. Immigration advice provided by the International Student Adviser is regulated by the Office of the Immigration Services Commissioner.

## Nightline

Sometimes, speaking to a peer about what you are feeling and experiencing can really help. Nightline is an independent listening service run by students, for students, which provides a confidential helpline, email and instant messaging service.

Visit [www.nightline.aber.ac.uk](http://www.nightline.aber.ac.uk) for more information.

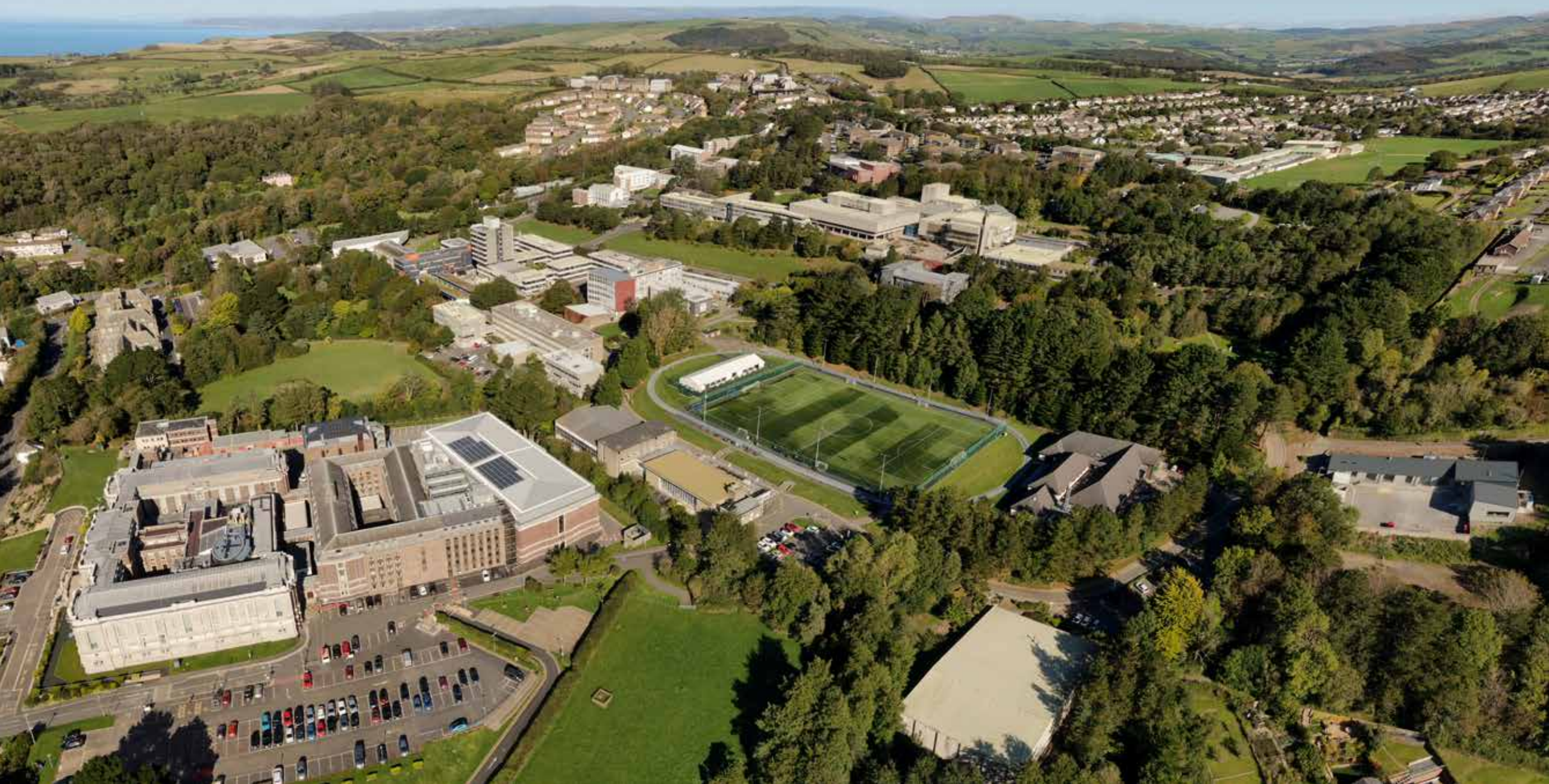


# Life on campus

**Aberystwyth University's campus has everything that you need on your doorstep, including teaching and learning facilities, support services and social spaces.**

The campus is also within walking distance of town and the famous Aberystwyth seafront.

Our campus is home to our accommodation, restaurants and cafes, the Students' Union, teaching and studying facilities including two libraries, the Arts Centre and Sports Centre. The National Library of Wales (a copyright library) is adjacent to campus.



The Gwendolen Rees building on Penglais Campus is the home of the Department of Life Sciences, and it includes a café. Next door is the Edward Llwyd building which houses laboratories and teaching rooms.



The International Politics building houses the Departments of International Politics and History & Welsh History.



The Edward Davies building is home to the School of Art, a short walk from Penglais Campus.



The Parry-Williams building houses the Departments of Welsh & Celtic Studies and Theatre, Film & Television Studies.



Located in the P5 building are the Departments of Psychology, Information Studies and the School of Education.



The Physical Sciences building includes the Departments of Mathematics and Physics, as well as the Physical Sciences Library.



The Hugh Owen building is home to the Departments of English & Creative Writing, Law & Criminology, Modern Languages and Aberystwyth Business School.



The Carwyn James building houses Sport & Exercise Science.



The Llandinam building includes the Departments of Geography & Earth Sciences and Computer Science.





# The Students' Union

Aberystwyth's Students' Union is led by students and supported by a team of staff. The Union helps students meet new people, make friends, build communities and provides a representative voice for its members.

With around 100 student societies and 50 sports clubs to choose from, plus volunteering opportunities, there are plenty of activities to join in. You can even start your own group.



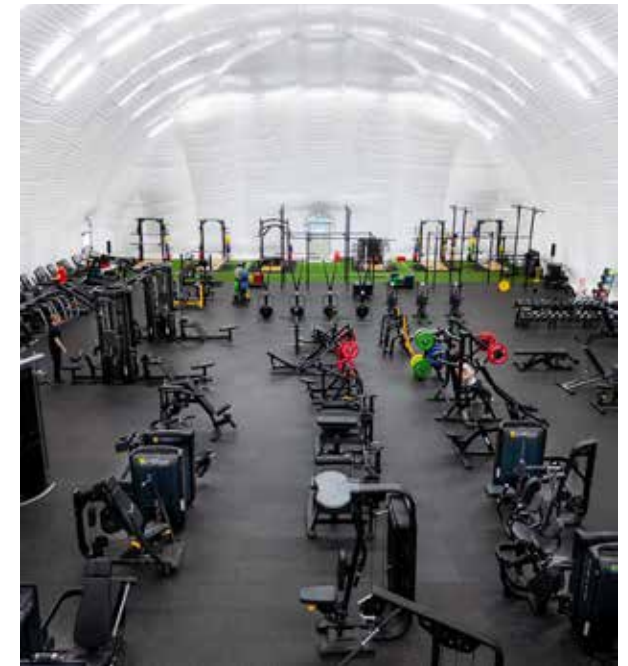
The Union's Advice Service offers free, confidential and independent advice to all Aberystwyth students. The Advisers are trained staff that can help you with a range of issues and specialise in providing advice and support on University processes and procedures.

# Sports facilities

Located on Penglais Campus, the Sports Centre offers a range of equipment and facilities to support your wellbeing. From the state-of-the-art self-powered gym housed in the Dome, to our swimming pool, sauna, extensive outdoor pitches, climbing wall, weights room and more – there's something for everyone.

If you don't want to exercise on your own, you could always join one of the wide range of classes which include HIIT, Yoga, Pilates, Step and Tone, and Circuits to name a few.

One of the benefits of being a resident in University-managed accommodation is that you will receive Platinum Membership of the Sports Centre included in your accommodation fees. This gives you free and unlimited access to the gym, all fitness classes, the swimming pool and saunarium.



# The Arts Centre



The Arts Centre on Penglais Campus is one of Wales's best-known venues, presenting everything from live music concerts, stand-up comedy, theatre and dance performances to visual art exhibitions and film screenings.



# Music at Aberystwyth

Music provision at Aberystwyth is open to all students. Whatever subject you're studying, you can be part of a vibrant musical community.

Music-making at Aberystwyth brings town and gown together to work in varied ways as ensembles, orchestras, concert bands and choirs as well as in smaller groups dedicated to particular instruments.

The University offers rehearsal spaces and practice rooms to students and community members, groups and musical gatherings, and there are opportunities for tuition, further development and performance and production at all levels.

We also offer Music Scholarships to experienced musicians who can actively contribute to the University's orchestras, bands, choirs and other ensembles. If you love music, we welcome you to enjoy it here with us at Aberystwyth.

The Music Centre's choir performing Mozart's Requiem.



The Music Centre's symphony orchestra, Philomusica, hosts an annual concert in the Arts Centre.



# Visiting us

Students come to Aberystwyth University from far and wide - you'll meet students from all over the world here. The warm welcome and superb facilities that await you will make your visit worthwhile.



## How to get here...

### By rail

The railway station is in the centre of Aberystwyth. The main service is via Shrewsbury, with services available from Birmingham International directly through to Aberystwyth. There is a frequent bus service from the station to campus, and there is a taxi rank next to the station.

### By car

The University is located alongside the main A487 North to South Wales trunk road. It's just over a two-hour drive from North or South Wales, Birmingham and the West Midlands.

### By coach

Regular bus services operate from the University campus to North and South Wales and the Midlands.

### Places to stay overnight

Throughout the year the University has a number of accommodation options available at reasonable prices. For further information please contact the Conference Office on +44 1970 621960 or e-mail [conferences@aber.ac.uk](mailto:conferences@aber.ac.uk)

Alternatively, the local Tourist Information Office (+44 1970 612125) can provide you with a list of hotels.

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## Important information

### - please read carefully

All students will be required as a condition of enrolment to abide by, and submit to, the procedures of the University's Rules, Regulations & Information for Students and our Terms & Conditions. Copies of the current Rules, Regulations & Information for Students and our Terms & Conditions are available on request from the Admissions Office +44 1970 622270.

The University offers the information contained in this prospectus for guidance only. The information in this prospectus does not constitute a contract and is not binding on prospective students or the University. While the University makes every effort to check the accuracy of the factual content at the time of publication, some changes will inevitably occur in the interval between publication and the academic year to which the prospectus relates. For example, courses, entry requirements and typical offers may have changed in line with student demand, external requirements and research development. Applicants should not therefore rely solely on the information contained in this prospectus and should visit the University website ([www.aber.ac.uk](http://www.aber.ac.uk)) for more up to date information in respect of course content, accreditation and entry requirements for the relevant academic year when considering applying to the University.

Any student who has outstanding tuition fees shall not be awarded any degree, diploma, certificate or qualification from the University until the debt is cleared. Such students shall be prevented from re-enrolling at the institution and from using any of the University's facilities.


Please note that Aberystwyth University reserves the right to modify entry requirements that were correct at the time of the Postgraduate Prospectus going to print (November 2024).

The information contained in this publication was correct as of November 2024. Designed and produced by Global Marketing and Student Recruitment, Aberystwyth University 2024.


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This document is available in Welsh / Mae'r ddogfen hon ar gael yn Gymraeg

