PRIFYSGOL
ABERYSTWYTH
UNIVERSITY

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This is
your
place
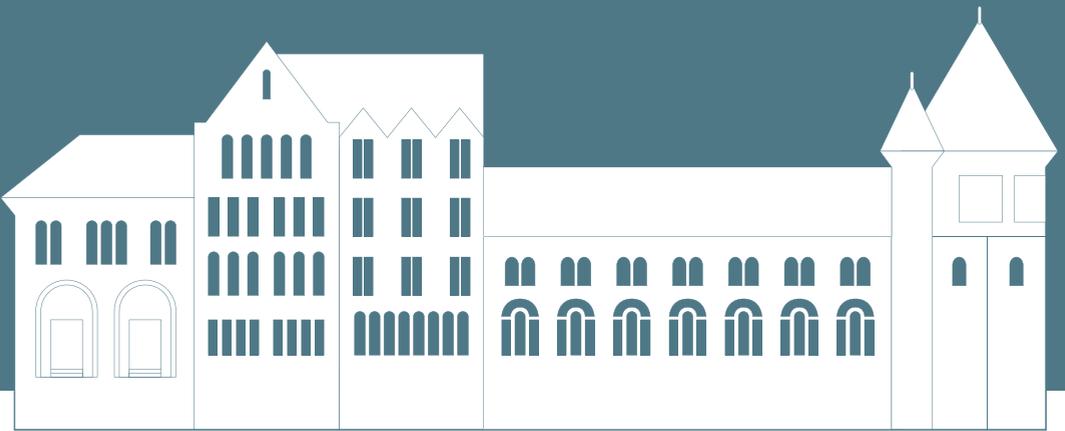
Postgraduate Prospectus 2022

Our campus

Student accommodation
- Pantycelyn

National Library of Wales

Academic facilities
- Edward Llwyd building
- Llandinam building
- Postgraduate Centre
- Physical Sciences building

Physical Sciences Library

Sports Centre

Llety Myfyrwyr
- Penbryn
- Pentre Jane Morgan
- Fferm Penglais
- Cwrt Mawr
- Rosser G

Llyfrgell Hugh Owen

Canolfan y Celfyddydau

Cyfleusterau academaidd
- Penbryn P5
- Adeilad Hugh Owen
- Adeilad Gwleidyddiaeth Ryngwladol
- Adeilad Parry-Williams

Undeb y Myfyrwyr

Adeilad academaidd
- Adeilad Carwyn James
- Canolfan a Labordai Milfeddygol1

Contents

Welcome

I am delighted that you are considering joining Aberystwyth University as a postgraduate student. Whether you choose a taught Masters programme or a research degree or undertake your teacher training with us, you will discover a warm and supportive atmosphere, excellent resources, high quality teaching and tailored career guidance to help you achieve your ambitions.

Our academics will often be active researchers themselves, pushing the boundaries of knowledge in their field of expertise. Their teaching and supervision is informed by their research, and there are opportunities for postgraduates to work on a range of different projects. Undertaking research which has a transformational impact on the wider world is important to us and we are proud that 95% of the work we submitted to the last Research Excellence Framework was deemed to be of an internationally recognised standard or higher.

At Aberystwyth, we endeavour to ensure that all of our students have the opportunity to continue with their studies, and can actively contribute to our research community. Once again this year we are delighted to be funding the PhD tuition fees, and providing a competitive stipend, for a number of our research students through our AberDoc Scholarship scheme.

The standard of teaching at Aberystwyth is reflected in the Gold award we received in the 2018 Teaching Excellence and Student Outcomes Framework (TEF). Our awards as UK University of the Year for Teaching Quality for both 2018 and 2019 and Welsh University of the Year for 2020 in The Times and Sunday Times Good University Guide speak volumes about the standard of the education we deliver.

As well as our reputation for teaching and research, Aberystwyth University is also known for its stunning location on the coast of Cardigan Bay with the magnificent Cambrian Mountains as a backdrop. We are a campus university closely connected geographically and socially to the historic seaside town of Aberystwyth - described by many as the "cultural capital of Wales". We are home to one of the largest arts centres in the UK and are a stone's throw away from the National Library of Wales, one of only five copyright libraries in the UK - a treasure trove for research and discovery.

Many of our postgraduates choose to stay with us after completing their first degrees; others are drawn by our reputation from across the UK and internationally. Whatever their chosen discipline, our community of postgraduates is supported by our Graduate School, which provides an excellent suite of programmes to enhance their development throughout their studies and prepare them for your next steps.

You will find out more about all aspects of postgraduate life at Aberystwyth in this prospectus and on our website. If you can, do come along to see Aberystwyth for yourself and speak to some of the staff who'll be your mentors and guides on your postgraduate pathway to the future. I hope to meet you on campus in the near future and wish you all the best with your postgraduate studies.

Professor Elizabeth Treasure

Vice-Chancellor

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 in which we live and who are extending the frontiers of our knowledge.

Our research has benefits for wider society. It is both outward and forward-looking, and has an impact 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.
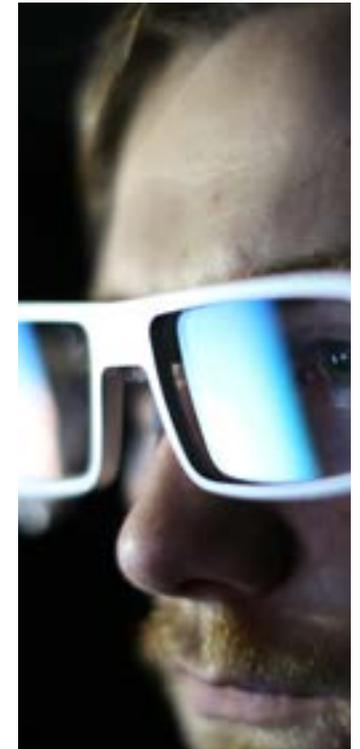
Combatting climate change

Our world-leading researchers are actively involved in studying many aspects of climate change, helping to monitor its progress, establish how it is affecting our world and finding solutions to help combat it.

Artificial Intelligence (AI) technology to monitor melting glaciers

Aberystwyth scientists from the Institute of Biological, Environmental and Rural Sciences (IBERS) and the Department of Geography and Earth Sciences are part of an international team who are using AI, satellite imagery and drone technology to monitor microscopic organisms that live on glaciers and ice sheets in the Arctic. The research is helping to establish whether there is a relationship between the speed at which glaciers melt, and the microscopic life prevalent on them.

Aberystwyth researcher Joseph Cook adjusting quadcopter. Credit: Marc Latzel + Rolex.
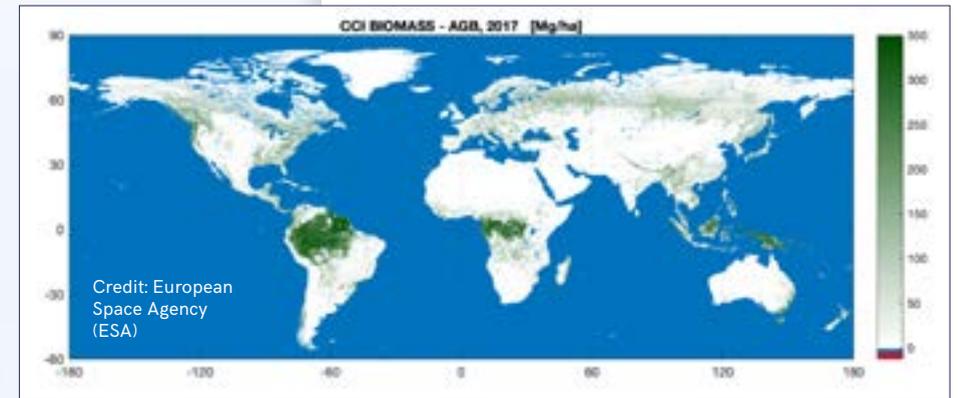
New carbon map presented at Madrid UN Climate Change Conference

A new map that shows the change in carbon stored as biomass across the world's forests and shrub-lands has been developed using advanced satellite imagery by a research team at our Department of Geography and Earth Sciences. The map was created using optical, lidar and radar data and was presented at the recent United Nations Climate Change Conference (COP25). Much of the carbon in forests is stored in the rainforests of the wet tropics, but the new map shows that biomass is actually widely distributed across other biomes, particularly the dry tropics, subtropics and boreal zones. Knowing how carbon storage has changed – and continues to change – is a major step towards ensuring the long-term future of these varied biomes and towards addressing climate change.

Constructing artificial coastal structures

Researchers at IBERS are attaching special tiles to man-made coastal flood-prevention structures in nearby Borth, which are designed to mimic the ideal conditions to enable wildlife to take hold. The concrete tiles have been designed using a process called photogrammetry which creates a 3D image of the terrain found on natural rocky shores, and will enable the most diverse and rare species to thrive.

Addressing global health challenges

Research to fast-track Covid-19 test for low income countries

Researchers in the Institute of Biological, Environmental and Rural Sciences (IBERS) are working on a technique to improve testing for Coronavirus in low income countries. Tests are normally performed in a laboratory using large and expensive specialist equipment. The testing method would be suitable in countries where there is limited access to testing infrastructure supply chains and could be conducted without requiring specialist virology facilities.

Reducing salt intake to reduce heart disease

Scientists at IBERS have succeeded in developing a food product which can be used to significantly reduce the salt content of pre-packaged meals and snacks. The flavour enhancer has been developed from a natural by-product made in the production of mycoprotein, the main ingredient in all Quorn products. Reducing salt in pre-packaged foods will help reduce conditions like heart disease which cause long-term debilitating conditions that negatively impact the lives of millions of people worldwide.

Working to prevent tropical diseases

A parasitologist at Aberystwyth University is one of a worldwide team of researchers who are studying the use of a gene-editing tool to limit the impact of Schistosomiasis, an illness that affects more than a quarter of a billion people in Southeast Asia, sub-Saharan Africa, and Latin America. Professor Karl Hoffmann, along with colleagues from across the globe, has for the first time successfully used gene-editing to limit the impact of parasitic worms responsible for Schistosomiasis and for liver fluke infection, which can cause a diverse spectrum of human disease including liver fibrosis and bile duct cancer. Applying this technology to other schistosome genes or flukes will revolutionise our ability to develop new and urgently needed control strategies.

The fight against Bovine TB

Scientists in IBERS have developed skin tests for cattle which can distinguish between animals that are infected with Bovine TB and those that have been vaccinated against the disease. By distinguishing between vaccinated and infected cattle, the new tests will facilitate the implementation of vaccination programmes globally that could considerably reduce the transmission of this highly infectious bacterial disease from cattle to humans.

Other recent research highlights

Digital platforms and the law – why should Airbnb and Uber be treated differently?

Are men funnier than women?

Why do people stop using Facebook? The future of social media.

Translation or interpretation? The impact on court cases.

Proving 19th century genetics pioneer Mendel right.

Challenges facing minority language promotion among children and young people.

Unlocking the cultural heritage and histories of ports in Wales and Ireland.

Research with impact

Biological Sciences

Pearl millet has been found to help prevent the development of type 2 diabetes, as well as helping sufferers to control their condition. Building on a previous project in which they developed new strains of pearl millet which can grow in India, scientists at the Institute of Biological, Environmental and Rural Sciences (IBERS) are now developing new varieties and hybrids which can thrive in Sub-Saharan Africa.

Biological Sciences / Computer Science

Scientists in Biological Sciences and Computer Science have developed a mobile app to improve the quality of life of stroke patients.

Physics

Our solar physicists have shown that the sun's magnetic field is 10 times stronger than previously believed.

Psychology and Computer Science

Scientists in both departments are studying the use of virtual reality to support reminiscing in healthy older adults. It is hoped that this type of reminiscing can help vulnerable adults improve their well-being and maintain better cognition.

Law

The ground-breaking UK wide Dewis Choice project which supports older victim-survivors of domestic abuse is based at our Department of Law and Criminology.

English and Creative Writing

Our researchers have identified that the two hand-holding gothic effigies in Chichester Cathedral which provided the inspiration for 'An Arundel Tomb' by Philip Larkin also inspired John Keats's poem 'La Belle Dame Sans Merci'.

Theatre, Film and Television

Rooted in principles of fractal geometry and bridging the arts/science divide, Richard Downing's 'Fractal Clock' installation (81 triangles of hand-formed glass rotating at a range of rhythms to align precisely on the hour) was recognised on the BBC Wales Arts Review of The Year.

Collaborating with industry

Our departments have strong links and working partnerships with a broad spectrum of individuals, companies and organisations across the globe, including Airbus, the European Space Agency, the NHS, the Wellcome Trust, the BBC, S4C, Waitrose, Unilever, Ford and Jaguar to name but a few.

Our researchers are also involved in collaborations which ensure that as well as contributing what we can, the University also benefits from being able to share viewpoints, research findings and information with others, which in turn enables a wider range of opportunities for our students.

Working with business

Drawing on the expertise of our world-class researchers and facilities, the University offers a variety of services to businesses and external organisations. These include consulting work, collaborating with external organisations on research projects, and providing access to a range of our laboratories and other facilities.

Supporting entrepreneurship

The University also offers support to students and staff to help them 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.

Our new Innovation and Enterprise Campus, AberInnovation, with its state-of-the-art facilities offers an ideal environment for business and academic collaboration to flourish, providing assistance with research and development activities, facilitating new product and process development, and accelerating routes to market.

AberInnovation

AberInnovation is home to world-leading facilities and expertise within the biotechnology, agri-tech, and food and drink sectors. Located on our Gogerddan Campus, this £43m development hub provides a superb environment for industrial and academic collaboration.

Research and development projects at AberInnovation address some of the most pressing challenges of our time, including climate change mitigation, food security and green energy. Successful innovation in these areas will play a critical role in fostering a sustainable knowledge-based bioeconomy.

Building on Aberystwyth University's proud history and prestige in agriculture and bioscience research, as well as its close links with key industry partners, AberInnovation offers a range of state-of-the-art facilities to support innovative research and development. Facilities include a Biorefining Centre, Future Food Centre, Advanced Analysis Centre and Seed Biobank, supported by an Innovation Hub for training, co-working and conferences.

Liliana Castillo Villamor has recently completed a PhD in Geothermal Image Sensing in the Department of Geography and Earth Sciences. With the support for enterprise development available at the University and AberInnovation, she has founded Amigrow, a platform that combines machine learning and satellite imagery to help farmers increase their crop yields. Liliana said:

" Being part of AberInnovation offers a unique opportunity for networking with organisations from the business and research sector. When you join AberInnovation, you are not just gaining access to physical facilities, you become member of a network through which you can access workshops, events, funding opportunities, and more. "

A degree that might just get you to Mars:

a student's story

> " Aberystwyth has been great. It is everything I could have hoped for from an education in terms of how quickly I have been able to get involved in something meaningful to me: a real project. My goal is to work in robotic space exploration - a niche industry that can be difficult to enter - but Aberystwyth has certainly opened the door for me. "

An opportunity to work on the 2020 European Space Agency (ESA)/Roscosmos mission to Mars took an Aberystwyth University student a step closer to a career in the space industry. Ariel Ladegaard from Bergen, Norway spent some time in the Atacama Desert in Chile, as part of an ESA field trial of a test rover, as scientists prepare to go in search of life on the red planet.

As an undergraduate student on the Space Science and Robotics degree at Aberystwyth, Ariel was invited by computer science lecturer Dr Helen Miles to look at how images sent back from Mars could be corrected to reflect the planet's true colours. Dr Miles and her colleagues have been working on PanCam, the mission's panoramic camera system, tasked with capturing stereo and 3D images of the Martian terrain to be studied by geologists as they look for minerals that might indicate the presence of water and the building blocks of life.

For his final year undergraduate project in 2018, Ariel was set the challenge of developing a prototype software package that could compensate for imperfections in the mission's camera, and the wear and tear of working in Mars's hostile environment. Ariel's work focused on developing a proof of concept framework for the correction pipeline and drew on work done on the ground software for NASA's James Webb Space Telescope.

Now a PhD student at Aberystwyth, Ariel is working on the next phase - developing the algorithms that go into correcting the images.

Speaking of his work on ExoMars, Ariel added: "It has been very nice to see just how open people in the ExoMars community have been to new actors coming in with questions and their own ideas and views on things. At first, I was a bit overwhelmed by the mission itself as it has been ongoing for a long time. There's quite a barrier to entry for new people in understanding just how everything fits together, not just on a technical level, but also on the social and political levels. The more I have delved into that however, the more I'm confident I have something to offer to the project."

As well as developing image processing software, Ariel has been involved with ExoFiT, ESA's Airbus-led field trials using an ExoMars-like prototype rover in Spain and Chile. Working near the Paranal Observatory high up in the Atacama Desert in February 2019, he was part of the team testing the mission's procedures and approaches to gathering science. It was also an opportunity to put the image processing pipeline to the test, with pictures sent back to the UK for correction.

Postgraduate studies at Aberystwyth

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

Our subjects

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. Many courses are also offered on a two-year part-time basis. The MRes is a taught programme with a greater emphasis on the dissertation/project element.

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

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. Full-time research students must be in Aberystwyth for at least 44 weeks of the year.

Teacher training (PGCE)

Our innovative Initial Teacher Training programme (PGCE) is studied on a full-time basis. You will be placed in our partner primary and secondary schools for a total of 26 weeks and will attend Aberystwyth University for the eight-week taught element of the course. Assessment is on a continuous basis throughout all three placements.

Modes of study

Most of our courses are studied on a full-time basis, but some can also be taken on a part-time basis, which offers you the flexibility to fit your degree around your working or family life.

A number of our courses are also available via Distance Learning. We also have a range of short courses and Continuing Professional Development (CPD) opportunities which may be of interest to those who cannot to commit to full-time study.

Entry qualifications

Generally, the minimum entry requirement for most taught Masters courses is a lower second class honours degree (2:2). If you are applying for a funded Masters, research Masters or PhD course you should hold or expect to achieve an upper second class (2:1) honours degree or above. Some PhD programmes may require applicants to hold a relevant Masters degree. Non-graduates with at least two years of relevant full-time work experience are welcome to apply for any taught Masters course. Your application will be considered by the relevant academic department on an individual basis.

You are welcome to apply for postgraduate study at Aberystwyth University before you have completed your current studies or received your final degree certificate(s)/transcript(s). Submitting evidence of successful completion and the award of your qualification(s) at the required level to meet the academic entry requirement for your chosen course, will be a condition of any offer made to you.

If English isn't your first language, then you will be required to meet the University's English language requirements. You are welcome to apply for postgraduate study at Aberystwyth University before taking an English language proficiency test. Submitting evidence that you have achieved the required level of English proficiency for your course will be a condition of any offer made to you.

Studying through the medium of Welsh

At Aberystwyth you may choose to submit your work through the medium of Welsh if you wish, and many of our supervisors can offer you support and guidance in Welsh. You can also study a few 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**

Our Graduate School

Our Graduate School supports all aspects of your time at Aberystwyth to enhance your postgraduate experience and help you excel in all academic areas of your studies.

Careers enhancement programme

Strongly supported by the University's Careers Service, this programme covers a range of public engagement, commercial, and volunteer opportunities that will provide you with the support to link your studies with outside non-academic bodies.

Teaching support programme

To support our postgraduate students who contribute to the teaching aspects of the University, our bespoke scheme offers training in a range of teaching skills, from tutorials to lectures and assessments. In addition, through the Teaching for Postgraduates at Aberystwyth University (TPAU) programme, you could also develop your teaching skills further and become an Associate Fellow of the Higher Education Academy (AFHEA).

Researcher development programme

Through our series of generic and subject-specific modules you can develop your research skills further. This programme aims to address various aspects of the Vitae Researcher Development Framework (www.vitae.ac.uk). We are also committed to running parts of this scheme through the medium of Welsh.

Studentships

Full studentships can be provided through our involvement in a number of UK Research and Innovation funded doctoral training collaborations, and through the AberDoc Scholarships.

AberDoc Scholarships

These prestigious scholarships are awarded to successful full-time PhD candidates in any discipline through a competitive process and cover tuition fees for their 3-year period of registration.

AberGrad Scholarship

If you're already an Aberystwyth student, and are considering staying at Aberystwyth to undertake a postgraduate taught degree you may be eligible to receive between 10-20% off your tuition fees.

School of

Art

Established in 1917 and housed in a magnificent Grade II* listed Edwardian building set within its own grounds, the School of Art is a place where history meets practice. Whether you come here to study fine art or art history, your experience will be enriched by the School's internationally renowned art collection and the exhibitions staged in our public galleries. Few art schools can offer such a practical and comprehensive engagement with the art world.

The rich historical flavour and cultural diversity of the town, paired with the outstanding natural beauty of the coast and countryside, which inspired artists such as J M W Turner and John Piper, further commend Aberystwyth as an ideal place to study art and its histories.

Taught degrees

Research degrees

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.

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, curating, 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.

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 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 182.

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. For those who choose to attend, weekly figure drawing and painting classes run at all levels of study. Students have 24-hour 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
The majority of 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.

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.

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 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 182.

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, 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

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:

- European art and visual culture since 1700, especially British and French
- Art in Wales
- History of printmaking, book illustration or photography
- Curating and collecting practices
- Ephemera as documents of everyday life
- Narrative and narratology.

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

Fine Art

PhD

The School of Art offers a three-year full-time (or five-year part-time) PhD in Fine Art. 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. The PhD project constitutes a substantial creative product (such as an exhibition) and entails a 40,000 word dissertation 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:

- Book illustration
- Drawing
- Interdisciplinary practice (video, sound, installation and site-specific performance)
- Painting
- Photography
- Printmaking.

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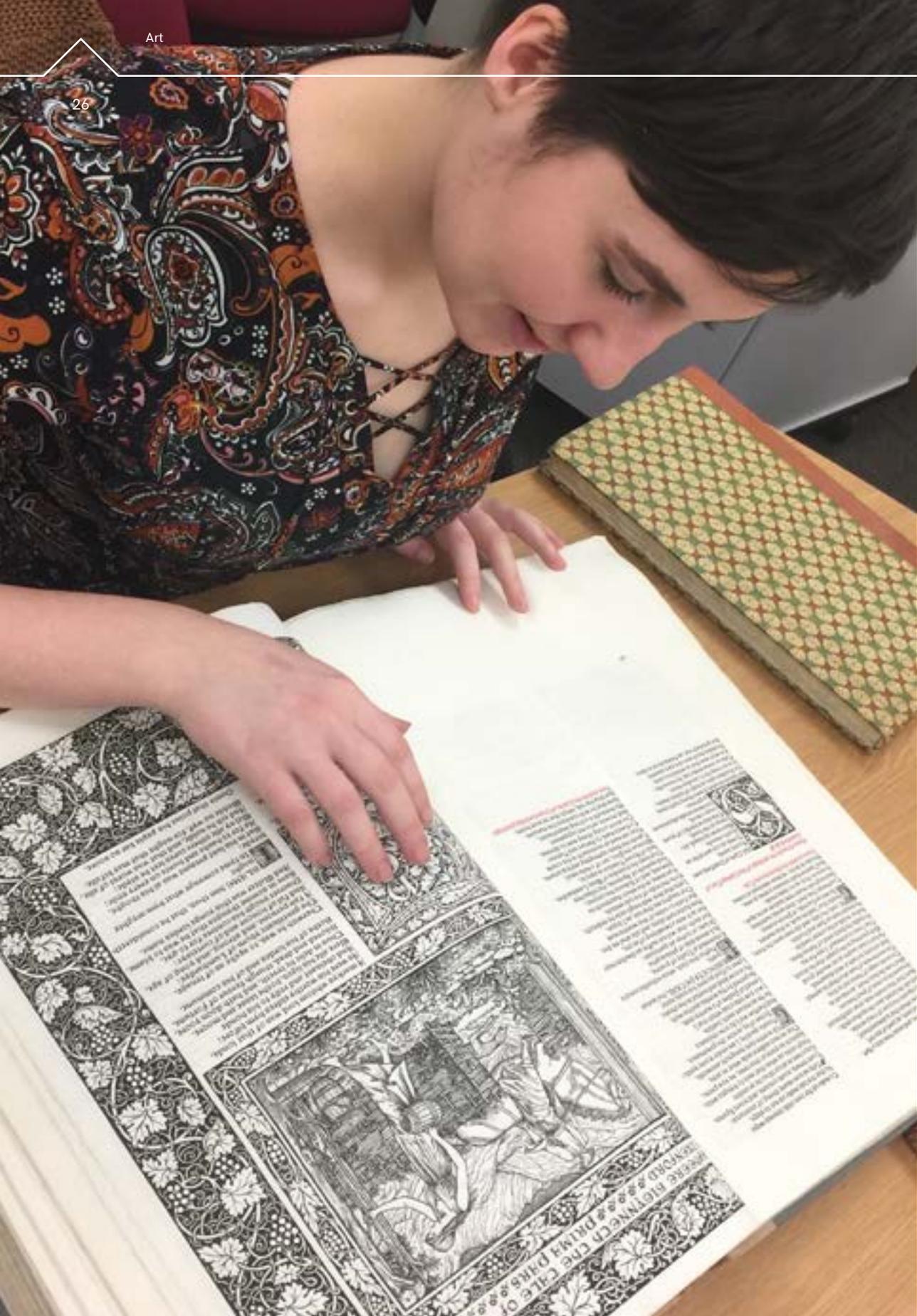
Our research

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. Our Collaborative Fine Art Printmaking project develops 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.

Institute of

Biological, Environmental and Rural Sciences

Taught degrees

Distance Learning

Research degrees

The Institute of Biological, Environmental, and Rural Sciences (IBERS) is a world-class Institute whose research makes a significant contribution towards solving world issues such as the prevention of deadly diseases, food security and crop growth in drought-prone soil, developing sustainable and environmentally friendly fuels, and studying the effects of climate change on our ecosystem. Our researchers are also our lecturers, ensuring that you are taught by experts in their fields.

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.

Specialist opportunities for Animal Science students at Aberystwyth include:

- 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 1000 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 182.

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.

Specialist opportunities for Animal Science students at Aberystwyth include:

- 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 1000 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.

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.

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.

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. 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 182.

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 IBERS's 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.

Specialist opportunities for Biosciences students at Aberystwyth include:

- 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.

Modules

Core modules that you may study on this course include:

- Frontiers in the Biosciences
- Research Methods in the Biosciences
- Dissertation.

Frontiers in the Biosciences
Aims to provide you with a thorough and practical insight into how the biosciences are being used to address global challenges.

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
- Current Topics in Biotechnology
- Field and Laboratory Techniques.

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

Key Facts

Degree type: MRes

Course code: C190

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

Entry requirements: 2:1 Bachelors (Honours) degree in a relevant subject area. 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 182.

Biotechnology

MSc

MSc Biotechnology provides you with key skills, specialist knowledge and essential training for a career in industrial or academic bioscience.

This degree focuses on two key areas of biotechnology: Industrial Biotechnology (fermentation) and Plant Biotechnology. In addition, you will receive practical training in state-of-the-art molecular and analytical techniques; marine, food and health biotechnology; and learn how the sustainable use of bioresources and bioscience can help meet the needs of the growing human population.

The degree develops your skills in creative problem-solving, strategic thinking and turning ideas into viable businesses and successful grant applications. All course modules are delivered by academics and professional practitioners at the forefront of activity in the field.

Specialist opportunities for Biotechnology students at Aberystwyth include:

- course modules delivered by academics and professional practitioners at the forefront of activity in their field
- access to advanced facilities at IBERS (the BEACON Biorefining Centre and the National Plant Phenomics Centre)
- visits to biotechnology companies to see at first-hand how biotechnology supports innovation and commercialisation
- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career.

Employability

There is great demand nationally and internationally for skilled graduates in biotechnology. Indeed the UK Biotechnology and Biological Research Council (BBSRC) have made bioenergy and biotechnology a strategic priority for science funding. Our students are provided with a range of vocational skills to enable them to enter professional employment in the Biotechnology sector or in research.

Modules

Core modules that you may study on this course include:

- Bioconversion and Biorefining
- Biotechnology and Business
- Crop Biotechnology
- Current Topics in Biotechnology
- Frontiers in the Biosciences
- Research Methods in the Biosciences
- Dissertation.

Bioconversion and Biorefining

As well as introducing you to microbial biotechnology, you will learn in detail of the scale of the challenge in the transition to a low carbon future, and will study current and emerging technologies.

Biotechnology and Business

Through discussions with company representatives, entrepreneurs and scientists, you will learn how various biotechnology businesses identified and established their place in the market, developed their technologies, the issues they face, and how they operate.

Crop Biotechnology

Introduces you to the scientific principles underlying the development of a biotech crop.

Current Topics in Biotechnology

You will study various aspects of animal and medical, industrial/fermentative, plant-based and marine biotechnology.

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

Environmental Management

MSc

Our MSc in Environmental Management meets the needs of future environmental professionals and attracts students from all over the world.

This degree provides you with the key vocational skills and training to allow you to respond and find solutions to problems, to exploit opportunities and to meet challenges in environmental management.

Topics include recent advances on environmental issues, research skills and approaches, environmental auditing, project management, environmental law and environmental impact assessment (EIA). Much of the delivery of the course is based on applied learning through engaging with real-life problems and challenges.

Specialist opportunities for Environmental Management students at Aberystwyth include:

- Aberystwyth's location in a high quality outdoor physical environment, situated between the Cambrian and Snowdonia mountain ranges, and offering habitats ranging from coastal to upland
- engaging with a stakeholder to implement an investigation with specified outputs and agreed deliverables
- working with a professional environment practitioner
- being taught by internationally recognised researchers, consultants and professionals operating across a wide range of environmental topics.

Employability

Throughout this course, you will develop a solid grounding in key environmental management skills. You will also enhance your scientific communication, teamwork, problem-solving, datahandling, study and research skills. You will develop and display professionalism that will allow you to excel in any work environment. Recent graduates have gone on to careers as environmental consultants, in environmental regulation and monitoring, as conservation managers and researchers.

Modules

Core modules that you may study on this course include:

- Environmental Auditing and Management Skills
- Environmental Management in Practice
- Introduction to Environmental Law and Environmental Impact Assessment
- Frontiers in the Biosciences
- Research Methods in
- the Biosciences
- Dissertation.

Environmental Auditing and Management Skills

Provides you with training in environmental auditing and professional skills to enhance your employability in the environment sector.

Environmental Management in Practice

Will introduce you to the generic processes of problem characterisation, project design, project implementation and project reporting in the environmental sector.

Frontiers in the Biosciences

Aims to provide you with a thorough and practical insight into how the biosciences are being used to address global challenges.

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

Key Facts

Degree type: MSc

Course code: J701

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.

IELTS: 6.5 with minimum 5.5 in each component. See page 182.

Key Facts

Degree type: MSc

Course code: C197

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.

IELTS: 6.5 with minimum 5.5 in each component. See page 182.

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.

Specialist opportunities for Equine Science students at Aberystwyth include:

- 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.

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.

Image with kind permission of Horses Inside Out.

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.

IELTS: 6.5 with minimum 5.5 in each component. See page 182.

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

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.

Specialist opportunities for Equine Science students at Aberystwyth include:

- 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.

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.

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.
- **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 182.

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.

Specialist opportunities for Livestock Science students at Aberystwyth include:

- the opportunity to interact with internationally renowned researchers, helping you make contacts for your future career
- teaching supported by 1000 ha of farmland, a 350 cow dairy unit, and upland and lowland sheep flocks
- conducting research projects alongside research active staff - IBERS' 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.

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.

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 182.

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.

Specialist opportunities for Parasite Control students at Aberystwyth include:

- studying a range of globally important parasites
- benefitting from 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.

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.

Key Facts

- **Degree type:** MRes
- **Course code:** C111
- **Duration:** 1 year (full-time)

- **Entry requirements:** 2:1 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 182.

Statistics for Computational Biology

MSc

Computational Biology is an area of key strategic interest for interdisciplinary research and for employers in pharmaceuticals, advanced agriculture and public health. The application of statistics and machine learning to extract useful knowledge from large biological data sets is a key requirement in these fields.

The scheme is designed to introduce key, practice-based skills in statistics for computational biology. You will learn how to critically evaluate the application of specific statistical techniques to research problems in computational biology and then effectively interpret and report the results of analyses.

This MSc course combines the disciplines of Mathematics, Computer Science and Biological Sciences, and is suitable for graduates in any of these three subjects.

In studying this degree you will benefit from the combined wealth of expertise and knowledge available from the Department of Mathematics, the Department of Computer Science, and the Institute of Biological, Environmental and Rural Sciences (IBERS).

Employability
The rapidly growing pool of large biological datasets is leading to an increase in the demand for people with expertise in thinking about biological problems using computational and statistical tools. Both in industry and academia, graduates with good numeracy skills, some understanding of the underlying biology, and a good grasp of computational methods including programming, have a wide range of employment opportunities. This course will develop skills relevant to advanced agriculture, pharmaceutical software engineering and nanotechnology. Academic opportunities include bioinformatics, drug design and genome sciences. Graduates of this degree now work in areas such as pharmaceuticals, advanced agriculture, precision medicine and public health.

Modules

Core modules that you may study on this course include:

- Frontiers in the Biosciences
- Machine Learning for Intelligent Systems
- Programming for Scientists
- Statistical Concepts, Methods and Tools
- Statistical Techniques for Computational Scientists.

Frontiers in the Biosciences
Aims to provide you with a thorough and practical insight into how the biosciences are being used to address global challenges.

Machine Learning for Intelligent Systems
Will equip you with the main concepts in machine learning through seminar-based discussions on scientific papers.

Programming for Scientists
Using the Python programming language, you will learn the basics of programming and how to manipulate and organise relevant data.

Statistical Concepts, Methods and Tools
Will provide 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.

Key Facts

- **Degree type:** MSc
- **Course code:** G499
- **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:** 6.0 with minimum 5.5 in each component. See page 182.

Agriculture
A Distance learning course

MRes

This scheme 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 DAg 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
- Ruminant Health and Welfare
- Ruminant Production
- 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: **ibersdl.org.uk**
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Agrifood Innovation
A Distance learning course

MSc

The focus of this Masters programme is on facilitating knowledge flow along the agrifood supply chain. It is aimed at agricultural and environmental advisers, vets, FE lecturers and technical sales staff. If you work in one of these areas, or would like to, this distance learning and workshop-based course is the ideal way to develop your advisory skills, update your technical knowledge and gain a postgraduate qualification while you are working.

The scheme 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. You will also develop research skills and put these into practice via a work-based research project. To accommodate working students, the course is delivered through a mixture of workshops and Distance Learning modules.

Contact time
The modules delivered by IBERS 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.

Modules

Core modules that you may study on this course include:

- Facilitation for Organisation Leadership (workshop-based module)
- Sustainable Supply Systems
- Research Methods
- Work-based Dissertation.

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

- Leading Change (workshop based module)
- Coaching and Mentoring for Leaders (workshop based module)
- Business Management for Rural Entrepreneurs
- Genetics and Genomics in Agriculture
- Grassland Systems
- Organic and Low Input Ruminant Production
- Plant Breeding
- Ruminant Gut Microbiology
- Ruminant Health and Welfare
- Ruminant Production
- Silage Science
- Waste Resource Management
- Future of Packaging
- Controlled Environment Agriculture
- Life Cycle Assessment and Beyond
- Precision Livestock
- Meat Processing
- Behaviour Change
- Biorefining Technologies.

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.

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.
- **Additional info:** Currently only available to students based in Wales.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

BioInnovation
A Distance learning course

MRes

This scheme is aimed primarily at those working with or within the Welsh agrifood supply chains and places a greater emphasis on research than on taught elements. You will take any two optional modules plus the Research Methods module where you will develop your research proposal with a designated supervisor. The 120-credit dissertation, approximately 20,000 words in length, forms the bulk of the scheme. We anticipate that most part-time students will take two years to complete their MRes dissertation. Generous discounts are available to those students living or working in Wales.

While each module covers a different area of technical expertise, they all focus on integrating a circular economy ethos into the agrifood sector. The MRes 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 are Research Methods and a Work-Based Research Project.

You will be able to choose two optional modules from a range which currently includes:

- Sustainable Supply Systems
- Precision Livestock
- Future of Packaging
- Waste Resource Management
- Membrane Filtration Technologies (delivered by Swansea University)
- Life Cycle Assessment and Beyond
- Public Goods
- Controlled Environment Agriculture (CEA)
- Behaviour Change
- Meat Processing
- Livestock Health and Welfare
- Biorefining Technologies
- Fermentation for Food Applications (delivered by Swansea University).

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

Key Facts

Degree type: MRes

Course code: J791D

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 182.

Additional info: Currently only available to students based in Wales.

For more information visit: bioinnovationwales.org.uk

BioInnovation
A Distance learning course

MSc, PGDip, PGCert, Short courses

This scheme is aimed primarily at those working with or within the Welsh agrifood supply chains. You will take the Sustainable Supply Systems module, any four optional modules and the Research Methods module, where you will develop your research proposal with a designated supervisor. We anticipate that most part-time students will take a year to complete their 60-credit dissertation. Generous discounts are available to those students living or working in Wales.

While each module covers a different area of technical expertise they all focus on integrating a circular economy ethos into the agrifood sector. This MSc 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.

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 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 programme. Taught modules are assessed via course work and forum discussion. Research is monitored and assessed.

Modules

Core modules that you will study on this course include Sustainable Supply Systems, Research Methods and a Work-Based Research Project.

You will also be able to choose four optional modules from a range which currently includes:

- Precision Livestock
- Future of Packaging
- Waste Resource Management
- Membrane Filtration Technologies (delivered by Swansea University)
- Life Cycle Assessment and Beyond
- Public Goods
- Controlled Environment Agriculture (CEA)
- Behaviour Change
- Meat Processing.

In addition, up to two modules from the MSc Sustainable Efficient Food Production may be substituted as optional modules. These are NOT subject to discount.

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

Key Facts

Degree type: MSc, PGDip, PGCert

Course code: J790D

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. 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 182.

Additional info: Currently only available to students based in Wales.

For more information visit: bioinnovationwales.org.uk

Farm Consultancy and Knowledge Exchange
A Distance learning course

PGCert

This course is aimed at agricultural and environmental advisers, vets, FE lecturers and technical sales staff. If you work in one of these areas, or would like to, this blended or distance learning course is the ideal way to develop your advisory skills, update your technical knowledge and gain a postgraduate qualification while you are working.

To accommodate working students, the course is delivered through a mixture of blended learning and/or Distance Learning. You will take three taught modules over one to two years. At least one and up to two of these modules will be focused on improving your interactions with farmers and farming groups for effective knowledge exchange or farm business advice. This will be complemented by at least one and up to two technical modules aimed at updating your technical knowledge.

This unique course provides a diverse blend of options in communication skills, science and business. To deliver this range of skills two Aberystwyth University departments, IBERS and Aberystwyth Business School, have partnered with Menter a Busnes, a Welsh company specialising in agricultural knowledge exchange, who provide practical workshop sessions.

Contact time
The modules delivered by IBERS and by Bangor University 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.

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.

Modules

On this degree you will study a range of optional modules from a selection available, which currently includes:

- Coaching and Mentoring for Leaders
- Facilitation for Organisation Leadership
- Farm Business Management
- Genetics and Genomics in Agriculture
- Grassland Systems
- Home Grown Feeds
- Organic and Low Input Ruminant Production
- Plant Breeding
- Ruminant Gut Microbiology
- Ruminant Health and Welfare
- Ruminant Nutrition
- Ruminant Production
- Silage Science.

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

Key Facts

Degree type: PGCert

Course code: D408D

Duration: Typically 2 years, but up to 5 years (Distance Learning)

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

IELTS: 6.5 with minimum 5.5 in each component. See page 182.

Sustainable and Efficient Food Production
A Distance learning course

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.

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
- Organic and Low Input Ruminant Production
- Plant Breeding
- Ruminant Gut Microbiology
- Ruminant Health and Welfare
- Ruminant Production
- Silage 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.

Key Facts

Degree type: MSc, PGDip, PGCert

Course code: D409D

Duration: Up to 5 years (Distance Learning). Also available as a 3-year Distance Learning degree (D409D3).

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 182.

For more information visit: **ibersdl.org.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.

IBERS students are integrated within a multi-disciplinary research environment encompassing both fundamental and commercially-linked research in agricultural, rural, environmental and biological science disciplines.

IBERS carries 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
This Professional Doctorate programme produces a qualification which, whilst being equivalent in status and challenge to a PhD, is more appropriate for those pursuing professional rather than academic careers. Our DAg programme comprises 3 taught modules carried out via distance learning and 2 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.

DProf
The DProf or Professional Doctorate in Bioinnovation (currently only available to students living or working in Wales) offers a qualification which, whilst being equivalent in status and challenge to a PhD, is more appropriate if you are pursuing a professional rather than an academic career. It provides a career development path but it also offers a route for industry to engage in meaningful research. Our DProf programme comprises 3 taught modules carried out via distance learning and 2 work-based research projects supported through live and virtual supervisory meetings.

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

Our 10 metre research vessel, Taliesin, with Aberystwyth town in the background.

Our research

Postgraduate research training and taught Masters research projects are completed with supervisors aligned with one or more of the Institute'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 well-being 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_2, ocean acidification and ultraviolet radiation) will impact on ecosystems, and developing strategies for species, habitat and ecosystem conservation and management.

Aberystwyth

Business School

As a student in the Aberystwyth Business School, your course will enable you to explore academic research as well as gaining professional accreditation. Our courses are accredited by several professional bodies including the Association of Chartered Certified Accountants (ACCA) and the Chartered Management Institute (CMI). We are also a nominated Gateway centre for the Chartered Institute of Marketing (CIM).

At Aberystwyth Business School our focus is your professional development. The programmes outlined here are designed to develop your technical education whilst improving your core and transferrable skills and competencies. When you study with us you will be provided with access to leading-edge thought and instruction with focus on practical application. Choosing to study with Aberystwyth Business School means you will be able to join our worldwide alumni network.

You will be taught in a business school that focuses on exemplary education delivery, one that holds many prestigious awards for the quality of its programmes, and is renowned for its exceptional learning environment, the technical competence of its academic staff and their world-class research outputs. Accreditations from the CMI, CIM, ACCA amongst many other world-leading bodies reinforce the professional excellence of our programmes.

September and January intakes are available for MBA programmes.

Taught degrees

Research degrees

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.

Specialist opportunities for Master of Business Administration students at Aberystwyth include:

- receiving 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 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.

Modules

Core modules that you may study on this course include:

- Business Economics
- Corporate Governance and Sustainability
- Financial Analysis and Decision Making
- Managerial Reports
- Marketing Management Strategy
- 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 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.

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

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 182.

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.

Executive Masters Programmes

N1835 Executive Global MBA (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.

N1836 Executive Master of 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.

Distance Learning

Both Executive Masters programmes are also available through distance learning. Course content is the same, only the modes of delivery are different. Apply for N1835D Executive Global MBA by distance learning (EMBA) or N1836D Executive Master of Management by distance learning (EMMgt).

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

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.

Specialist opportunities for Finance students at Aberystwyth include:

- receiving 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 back 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.

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.

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 182.

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.

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.

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 182.

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.

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.

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 182.

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.

Specialist opportunities for International Finance students at Aberystwyth include:

- receiving 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.

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.

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 182.

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 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.

Specialist opportunities for International Finance and Banking students at Aberystwyth include:

- receiving 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.

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.

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 182.

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.

Specialist opportunities for Management and Finance students at Aberystwyth include:

- receiving 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.

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.

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 182.

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 policymakers.

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 and tourism management); 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

We are one of the longest-established departments of computer science in the UK and we continue to lead in technological research.

Taught degrees

Distance learning

Research degrees

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 Google and MarkLogic, and investment banks. Some have become product managers, and other have set up their own companies.

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.

Key facts

- **Degree type:** MSc
- **Course code:** G493 (G498 with year in industry)
- **Duration:** 1 year (full-time). G498 is 2 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.
- **IELTS:** 6.0 with minimum 5.5 in each component. See page 182.

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 graduates go on to a vast and continuously expanding range of careers. Recent graduates have found employment with companies such as Google and MarkLogic, and investment banks. Some have become product managers, and other have set up their own companies.

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.

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 182.

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 Google and MarkLogic, and investment banks. Some have become product managers, and other have set up their own companies.

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.

Data Science

MSc

Data Science is a rapidly growing specialism, with applications in business, government and science. 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. There is a huge demand for graduates with skills in 'Big Data'.

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

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.

In studying this course you will develop specialised technical skills in the areas of data handling, data management, data analytics and data mining, relational modelling, cryptography, and system security. You will also develop subject-specific expertise, including an awareness of the legal, social, ethical and professional issues involved in handling data, and knowledge of statistical techniques and methods for large data sets.

Employability

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. 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

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 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.

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.

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: 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 182.

Key facts

Degree type: MSc

Course code: G490

Duration: 1 year (full-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 182.

Statistics for Computational Biology

MSc

Computational Biology is an area of key strategic interest for interdisciplinary research and for employers in pharmaceuticals, advanced agriculture and in public health. The application of statistics and machine learning to extract useful knowledge from large biological data sets is a key requirement in these fields.

This degree is designed to introduce you to key, practice-based skills in statistics for computational biology. You will learn how to critically evaluate the application of specific statistical techniques to research problems in computational biology and then effectively interpret and report the results of analyses.

This MSc course combines the disciplines of Mathematics, Computer Science, and Biological Sciences, and is suitable for graduates in any of these three subjects. As such you will benefit from the wealth of expertise and knowledge available in these three departments: Mathematics, Computer Science, and the Institute of Biological, Environmental and Rural Sciences (IBERS).

Employability
The rapidly growing pool of large biological datasets is leading to an increase in the demand for people with expertise in thinking about biological problems using computational and statistical tools. Both in industry and academia, graduates with good numeracy skills, some understanding of the underlying biology, and a good grasp of computational methods including programming, have a wide range of employment opportunities. This course will develop skills relevant to advanced agriculture, pharmaceutical software engineering and nanotechnology. Academic opportunities include bioinformatics, drug design and genome sciences. Graduates of this degree now work in areas such as financial data analysis, precision medicine and public health.

Modules

Modules that you may study on this course include:

- Frontiers in Bioscience
- Machine Learning for Intelligent Systems
- Programming for Scientists
- Statistical Concepts, Methods and Tools
- Statistical Techniques for Computational Scientists.

Frontiers in Bioscience
Highlights the integration of topics and research approaches in biology, providing insight into how different researchers, practitioners and users of the information communicate, view and position themselves around a particular topic.

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.

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

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.

Key facts

- **Degree type:** MSc
- **Course code:** G499
- **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 10-14 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 182.

Advanced Media Production ⌨ A Distance learning course

MSc, PGDip, PGCert

Combining practical knowledge of computer programming with media production skills, this course is suitable for individuals who are currently employed, or wish to work, within the creative industries. It will equip you with the theoretical and real-world skills required to work with digital and media technologies.

This is an interdisciplinary degree hosted by the Department of Computer Science and the Department of Theatre, Film and Television Studies. Generous discounts are available to those students working in a relevant industry in the West Wales & Valleys region who meet the eligibility requirements.

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 between 10-14 hours a week on online lectures, presentations, podcasts, readings and assignments. Wherever possible, the training will be relevant to your day-to-day role.

Most training is by distance learning and 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 materials for each 14 week module include 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.

Some modules will follow a blended learning programme of short workshops of between 1-3 days, combined with elements of distance learning.

Modules

Modules that you may study on this course include:

- Introduction to Media Production
- Programming for Digital Media
- Web Development
- Applied Graphics
- Digital Cultures
- Big Data
- Advanced Skills in Media Production
- Gender and Media Production
- Extended Reality
- Research Concepts and Skills.

Extended Reality (XR)
Introduces you to the underlying technologies that enable XR, focusing on how they are used and what the future holds.

Digital Cultures
Teaches you how to approach the digital landscape as both a practical tool and a theoretical space through which identity and brand can be constructed. Content includes cyber democracy, gaming, hacking and digital storytelling.

Big Data
Explores how to manage large media files, maintaining the integrity of the data themselves as well as the relationships between them.

Most modules are taught through the medium of Welsh, English or bilingually.

For more details and the latest information on our modules, see **amp.aber.ac.uk**

This course is part-funded by the European Social Fund through the Welsh Government.

Key facts

- **Degree type:** MSc, PGDip, PGCert
- **Course code:** G4P3D
- **Duration:** Available until April 2023 (Distance learning)
- **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent. Non-graduates will be considered individually based on relevant work experience.
- If you are employed within the Creative Industries in West Wales and the Valleys you may qualify to receive a bursary. For more information visit: amp.aber.ac.uk
- **IELTS:** 6.0 with minimum 5.5 in each component. See page 182.

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.

The iCub is a humanoid robot, developed as part of the RobotCub Project, and is equipped with visual, vestibular, auditory, haptic, proprioceptive and torque sensors.
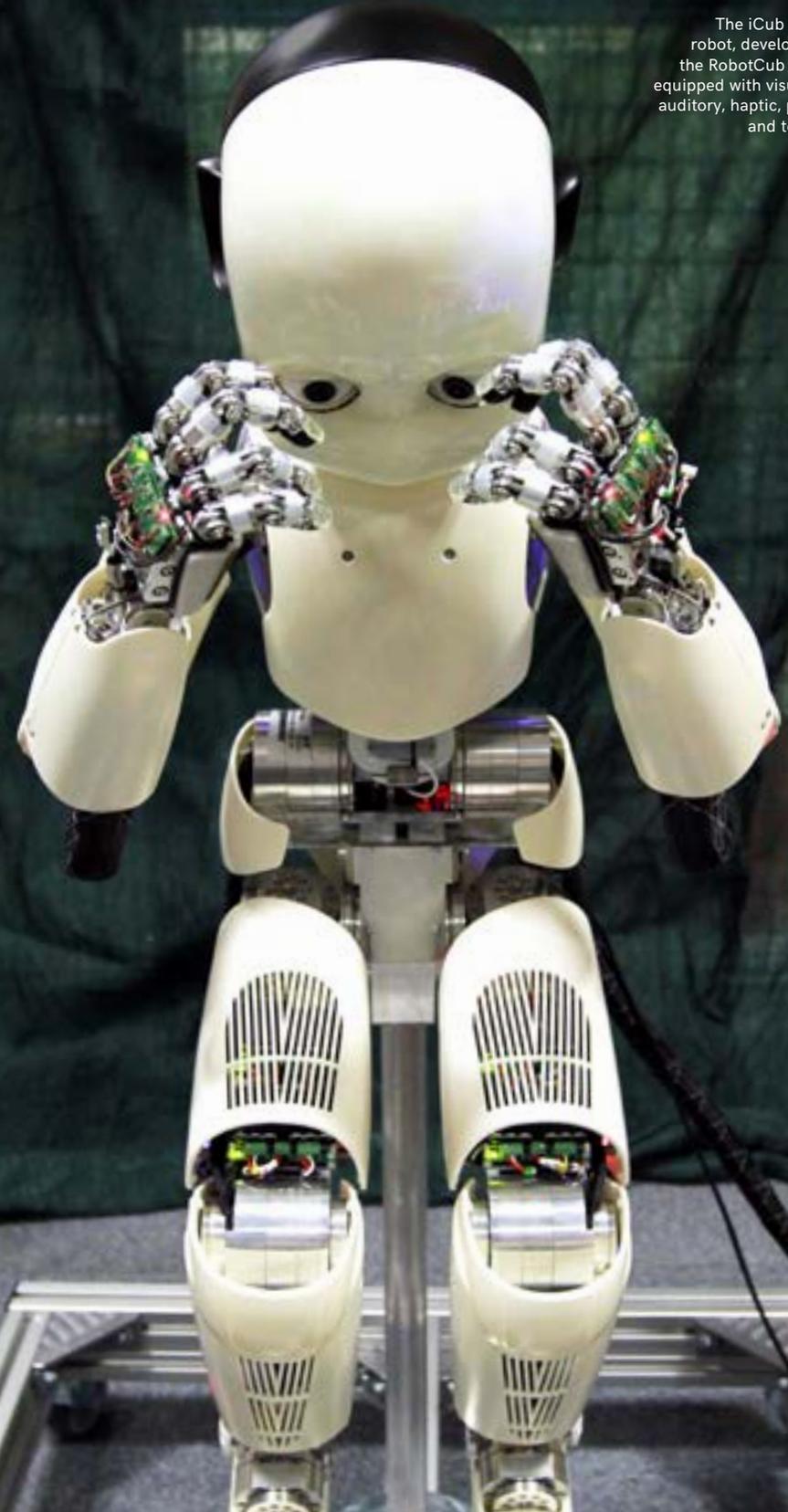
Our research

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.

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 Institute of Biological, Environmental and Rural Sciences (IBERS). 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

Research degrees

Founded in 1892, our School of Education is one of the longest-established education departments in the UK. Our mission is to combine the best of our traditions for academic excellence with the most up-to date methods in teaching, student engagement and research.

Our innovative Initial Teacher Education (PGCE) enables you to experience teacher training at both Primary and Secondary schools. You could start your teaching career with a bursary worth up to £20,000 for teacher training.
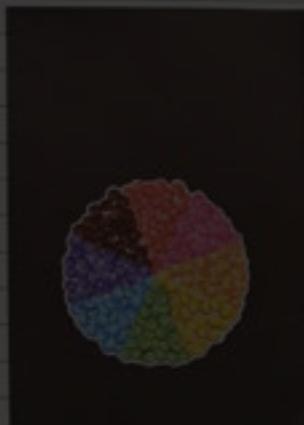
PGCE

Initial Teacher Education

Our innovative PGCE programme at the School of Education offers you two pathways to Qualified Teacher Status (QTS). This pioneering, integrated programme responds to the needs of teacher education in the 21st century, and trains trainee teachers who can teach across both primary and secondary sectors. This emphasis on cross-phase teaching is in keeping with the Welsh Government's National Mission and the Curriculum for Wales, as well with the increasing emergence of all-through schools.

As well as Primary teacher education, the School offers Secondary Initial Teacher Training in the following subjects: Biology with Balanced Science, Chemistry with Balanced Science, Physics with Balanced Science, Drama, English, Geography, History, Mathematics, Modern Languages (French and Spanish) and Welsh.

As a bilingual institution, you can choose to study all of these subjects through the medium of Welsh too. This will enable you to apply for the government's Welsh-medium stimulus grant.

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

Why study at Aberystwyth?
- Our innovative Initial Teacher Education (PGCE) enables you to experience teacher training at Primary, Secondary, 3-16 and 3-19 schools
- You will be offered free University accommodation for the eight weeks you are required to be on campus (the duration of the university contact time), with full access to all of our facilities (Students' Union, Library, including free Platinum Sports Centre membership)
- You will be taught and mentored by practitioners who have a wealth of experience, knowledge and skills
- We are partnered with Primary and Secondary schools located across Mid Wales, South West Wales and North Wales
- We offer equivalency programmes at the University for applicants who do not meet the typical GCSE entry requirement in Maths, English and the Sciences
- Aberystwyth University is the only university in Wales to be awarded University of the Year for Teaching Quality twice in consecutive years by the Times and Sunday Times Good University Guide (2018 & 2019)
- The University has also been awarded Gold for Postgraduate Studies in the 2019 WhatUni Student Choice Awards.

Bursaries for Initial Teacher Education
The Welsh Government Initial Teacher Training Grant is available for certain subjects/pathways. Each year the Welsh Government announces, usually in February, which subjects are eligible and the amounts that are available. These bursaries can vary but are usually offered for high-priority subjects and for first-class honours degrees. See our website or the Educators Wales website (**www.educators.wales**) for further information.

Course structure
The course normally runs from September to the end of June. Trainee teachers will be based in schools for 26 weeks. Guided by University tutors and trained school mentors this will involve classroom teaching and different school-based activities. During the eight university block weeks you attend the taught element of your course at the University. The University, together with the partnership's lead schools, will arrange your school placements.

During your school placement you will get the chance to teach, plan your lessons, and in some cases take part in the pastoral care element of being a teacher, amongst other duties. Most of our students tell us they truly enjoyed the experience, and were completely accepted as part of the school environment.

Assessment
Assessment on the course takes a range of forms including essays, reflective writing, presentations, lesson plans and action research project. There are no formal examinations. Assessment of practice takes place throughout all three placements on a continuous basis.

Equivalency Programmes
PGCE applicants who do not meet the entry requirements for GCSE English, Welsh, Maths and Science will be offered the opportunity to follow equivalence programmes. The programmes are designed to meet the GCSE grade requirements for entry into Aberystwyth University ITE courses only.

Cross-curriculum themes
All teachers are responsible for the teaching of the three cross-curriculum themes of literacy, numeracy and digital competence. Students will be supported in planning the delivery of literacy, numeracy and digital competence in the context of their own subject.

Studying through the medium of Welsh
All of our PGCE courses are also available through the medium of Welsh. For more information see our website.

Primary (3-11 years)

PGCE (Primary)

The Primary PGCE course will equip you with the professional skills needed to become successful teachers who can engage all learners and lead learning across the primary age range.

Working across all Areas of Learning and Experience, you will work with skilled and experienced practitioners learning how to teach ambitious, capable and confident learners who are informed about the world beyond school. This is an innovative course, which will give you an enriched understanding of the progression of pupils into the next phases of their education through focused experiences in other phases of schooling.

Together with your fellow students on the secondary programmes, you will study the principles of effective pedagogy, assessment, lesson and curriculum planning. You will actively participate in learning, contributing to seminars, delivering presentations and engaging critically with research. During the University sessions, you will plan and deliver micro-lessons in preparation for the practical element of the course. You will study the full range of the primary curriculum with an opportunity to focus on specialist areas and phases in either the Foundation Phase or Upper Primary. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

In addition to specialist placements in primary schools, you will experience a short placement in a secondary school working to develop your understanding of the continuum of children's learning.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DHM
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent. Applicants must also demonstrate GCSE grade B or above in English or Welsh (first language) and Maths, and GCSE grade C in a Science subject.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Biology with Balanced Science

PGCE (Secondary)

The Biology course will provide you with the professional skills needed to become successful teachers who can develop learners' skills and understanding of Biology and its application.

You will study the curriculum for Biology as part of the Science and Technology Area of Learning and Experience, and you will collaborate with students in other subject areas to develop your practice in working across the curriculum. There will be focus on the teaching of Biology as part of the single and double award GCSEs and Biology A level. All students in science subjects are trained to teach Balanced Science at Key Stage 3.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DGP
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Biology-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Chemistry with Balanced Science

PGCE (Secondary)

The Chemistry course will provide you with the professional skills needed to become successful teachers who can develop learners' skills and understanding of Chemistry and its application.

You will study the curriculum for Chemistry as part of the Science and Technology Area of Learning and Experience, and you will collaborate with students in other subject areas to develop your practice in working across the curriculum. There will be focus on the teaching of Chemistry as part of the single and double award GCSEs and Chemistry A level. All students in science subjects are trained to teach Balanced Science at Key Stage 3.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DGR
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Chemistry-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Drama

PGCE (Secondary)

The Drama course will equip you with the professional skills needed to become successful teachers who can develop learners' skills in exploring, responding and creating drama.

You will study the Drama curriculum within the Expressive Arts Area of Learning and Experience, and in collaboration with students in other subject areas you will develop your practice in working across the curriculum. There will be a focus on delivering practical, devised and text-based sessions throughout the secondary age range including GCSE Drama, AS/A level Drama and Performing Arts specifications.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DGX
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Drama-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

English

PGCE (Secondary)

The English course will equip you with the professional skills needed to become successful teachers who can develop learners' critical and creative response to language and literature.

You will study the curriculum for English as part of the Languages, Learning and Communication Area of Learning and Experience, and you will collaborate with students in other subject areas to develop your practice in working across the curriculum. There will be a focus on the teaching of language and literature throughout the secondary age range including GCSE English and English Literature, and AS/A level Language and Literature specifications.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DGZ
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is English-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Geography

PGCE (Secondary)

The Geography course will enable you to become passionate, creative and enthusiastic practitioners to motivate the desire in learners to want to learn about society and the world.

The Geography PGCE course is concerned with theoretical and practical classroom approaches to the teaching of Geography throughout the secondary age range including GCSE and AS/A level. This involves examining a range of appropriate learning and teaching strategies in the varied classroom situations you will encounter. Through working collaboratively with students in other subjects areas across the curriculum you will develop a rigorous understanding of when and where particular activities might be appropriate and suitable in ensuring effective learning.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DH3
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Geography-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

History

PGCE (Secondary)

The History course will enable you to become passionate, creative and enthusiastic practitioners to motivate the desire in learners to want to learn about society and the world.

The History PGCE course is concerned with theoretical and practical classroom approaches to the teaching of history throughout the secondary age range including GCSE and AS/A level. This involves examining a range of appropriate learning and teaching strategies in the varied classroom situations you will encounter. Through working collaboratively with students in other subjects areas across the curriculum you will develop a rigorous understanding of when and where particular activities might be appropriate and suitable in ensuring effective learning.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DH5
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is History-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Mathematics

PGCE (Secondary)

The Mathematics course will provide you with the professional skills needed to become successful teachers who can develop learners' skills and confidence in mathematics and numeracy.

You will study the curriculum as part of the Mathematics and Numeracy Area of Learning and Experience, and you will collaborate with students in other subject areas to develop your practice in working across the curriculum. There will be a focus on the teaching of Mathematics throughout the secondary age range including Mathematics GCSE and AS/A level specifications. The ITE Partnership Group holds the Excellence Status, having gained the Mathematics Tribal Award, and has been cited for ERW best practice school status for delivering mathematics and numeracy across the curriculum. All schools are experienced at successfully supporting student teachers.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DH7
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Mathematics-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Modern Foreign Languages
(French/Spanish)

PGCE (Secondary)

The Modern Foreign Languages course will provide you with the professional skills needed to become successful teachers who can develop learners' mastery and use of the foreign languages they are studying.

You can study one language or two languages during your Initial Teacher Education (PGCE). At the Aberystwyth ITE Partnership, you will be trained to teach your specialist modern foreign language, or even a combination of languages. The course will involve the methodology of language teaching as applied to your specialism or specialisms, e.g. French and/or Spanish, Spanish and/or French. Working within the Languages, Literacy and Communication Area of Learning and Experience, you will train to teach ambitious, capable and confident learners who are informed and confident about the world beyond school and the country under study. There will be a focus on the teaching of language throughout the secondary age range including GCSE French or Spanish, and AS/A level Modern Foreign Languages specifications.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** French 3DH9, Spanish 3DHF
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is related to the language to be studied. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Physics with Balanced Science

PGCE (Secondary)

The Physics course will provide you with the professional skills needed to become successful teachers who can develop learners' skills and understanding of Physics and its application.

You will study the curriculum for Physics as part of the Science and Technology Area of Learning and Experience, and you will collaborate with students in other subject areas to develop your practice in working across the curriculum. There will be focus on the teaching of Physics as part of the single and double award GCSEs and Physics A level. All students in science subjects are trained to teach Balanced Science at Key Stage 3.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DGV
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Physics-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

Welsh
(*only available in Welsh)

PGCE (Secondary)

The Welsh course will provide you with the professional skills needed to become successful teachers who can develop learners' ability to respond critically and creatively to language and literature. The aim is to nurture pupils to become confident speakers, keen readers and writers who will be able to express themselves clearly and concisely.

Working within the Languages, Literacy and Communication Area of Learning and Experience, you will collaborate with students in other subjects areas across the curriculum to develop a rigorous understanding of when and where particular activities might be appropriate and suitable in ensuring effective learning.

There will be a focus on the teaching of Welsh throughout the secondary age range including Welsh GCSE and AS/A level Welsh specifications, both as a first and second language.

In addition to specialist placements in secondary schools, you will experience a short placement in a primary school working with skilled primary teachers. You will also undertake an action research project to develop an aspect of your practice and begin your career as a research-informed teacher.

Key facts

- **Degree type:** PGCE
- **Course code:** 3DHH*
- **Duration:** 1 year (full-time)
- **Entry requirements:** A Bachelors (Honours) degree, or equivalent, at least 50% of which is Welsh-related. Applicants must also demonstrate GCSE Grade B or above in English or Welsh (first language) and Maths.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

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.

Please note:

- **The course is 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.

Modules

Core 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.

Key facts

🕐 **Duration:** 3 years (part-time)

📚 **Course code:** X3PG

Aa **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

📄 **Entry requirements:** Candidates must hold Qualified Teacher Status and be currently employed in the compulsory education sector in the UK.

⊕ **Additional info:** Welsh Government funding is available to support teachers in years 3-6 of their careers.

⊕ **Additional info:** Prospective students are encouraged to contact Dr Rosemary Cann - **ooj@aber.ac.uk**

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 well-being 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

Students enjoying the inspirational atmosphere of Gregynog Mansion between workshops on the Department's annual Writing Retreat.

Aberystwyth is internationally renowned as the 'cultural capital' of Wales. Our English Literature and Creative Writing courses combine tradition and innovation, breadth and depth.

Taught degrees

Research degrees

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.

Our lecturers will introduce you to a range of contemporary writers of both prose and poetry, so that your own creative approach may be stimulated and developed into a more mature form. You will also engage in discussions about technique and undertake an exploration of the wider issues relating to the practice of writing and various forms of publication.

A strong critical element, encouraging you to reflect upon your own creative practice as well as that of others, is a crucial part of the scheme. You will also explore the relationship between research and creative writing, and such matters as the role of the literary agent and editor, and the production and marketing of literary work. Finally, you will put together a writing portfolio, which reflects the experience of sustained, long-term personal engagement with a major writing project.

Specialist opportunities for Creative Writing students at Aberystwyth include:

- learning alongside a team of distinguished, award-winning authors who work across a broad spectrum of creative fields
- the flexibility to combine your creative writing with the study of literature in areas that directly complement your main area of focus
- benefitting from a strong tradition of specialist teaching in the fields of contemporary poetry, crime fiction, life writing, historical fiction, science fiction, and writing for stage, screen, and radio
- 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.

Modules

Core modules that you may study on this course include:

- Research Skills
- The Writing Portfolio
- Writing and Publication.

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

- Medieval Dreams and Marvels
- Romantic Radical Cultures
- Women, Fiction and Female Community, 1660-1792
- Writing Fiction: Methods and Techniques
- Writing Ireland, Writing Wales
- Writing Poetry: Rhymes and Reasons
- Postmodern Genres
- Post-war American Fiction
- Understanding Creativity.

The Writing Portfolio
Involves building sustainable writing practices which encourage planning, reflection, revision, and completion of material.

Writing and Publication
Will enhance your awareness of the mechanics of publishing - the opportunities and constraints of the profession, the role of agent and editor in the publishing process and the responsibilities of the author, particularly with regard to the preparation and presentation of material.

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

Key facts

- **Degree type:** MA
- **Course code:** Q394
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent, and submission of a satisfactory writing portfolio. 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 7.0 in each component. See page 182.

Literary Studies

MA

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

Our research-led specialist optional modules offer fascinating insights into the literature of specific periods, national cultures, and literary traditions. We offer our students a superb choice of material from the early medieval period to the present day. You will discover a wide variety of approaches to literature and cultural history, combining critical thinking with advanced scholarship.

By studying the latest developments in research methodology, you will cultivate the necessary skills to undertake your dissertation, an extensive piece of scholarly research in your chosen specialism. Working closely with an academic supervisor you will develop not only a detailed knowledge of your area of study but also a host of transferable skills which you may deploy in a range of other academic or employment contexts.

Specialist opportunities for Literary Studies students at Aberystwyth include:

- 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, children's literature, Welsh writing in English, LGBT writing, Postcolonial literature, Renaissance drama and Romanticism
- 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 option to contribute to our annual anthology as a member of the editorial team preparing the anthology for publication, or you could even contribute your own creative material.

Modules

Core modules that you may study on this course include:

- Research Skills.

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

- Medieval Dreams and Marvels
- Romantic Radical Cultures
- Women, Fiction and Female Community, 1660-1792
- Writing Fiction: Methods and Techniques
- Writing Ireland, Writing Wales
- Writing Poetry: Rhymes and Reasons
- Postmodern Genres
- Post-war American Fiction
- Understanding Creativity
- Writing Fiction: Wider Explorations
- Writing and Publication.

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

Key facts

- **Degree type:** MA
- **Course code:** Q392
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 2:2 Bachelors (Honours) degree in a relevant subject area, or equivalent, and submission of a satisfactory writing portfolio. 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 7.0 in each component. See page 182.

PhD

We are happy to receive applications for research projects focusing on literary studies or creative writing and the Department welcomes enquiries from students who wish to pursue a PhD in any of the areas in which members of staff have expertise.

The Department's particular strengths include:

- Medieval literature
- The Restoration and 18th Century literature
- Romantic literature
- Victorian fiction
- 19th and 20th-Century American literature
- Modernism
- Post-modernism
- Contemporary poetry and fiction
- Women's writing
- Children's literature
- Welsh writing in English
- Irish writing
- Literary geography
- Gothic literature and ghost stories
- Post-colonial literature (especially African literature)
- Ethnic American literatures
- Literary theory (especially ecocriticism, gender studies, queer theory, Marxism, new historicism, psychoanalysis, poststructuralism, postcolonialism).

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.

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.

All full-time doctoral candidates are required to undertake research skills and professional development modules during their first year, and are offered further training opportunities during their subsequent years of registration. Students will be expected, under the guidance of their supervisors, to develop advanced skills in handling a sustained project, which makes an original contribution to the chosen field of study and demonstrates a rigorous approach to scholarship.

For further information see our website, or contact us.

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 give 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 is host to the *New Welsh Review* – Wales's most distinguished literary magazine. This close affiliation provides opportunities for students to take up work placements and internships in a wide variety of publishing, editorial, and administrative activity. Our students also benefit from opportunities to publish their own creative work and to create content for the *New Welsh Review*'s online platforms. Members of academic staff are also active as editors of the *International Journal of Welsh Writing in English*, which is also hosted by the Department. As the world-leading academic journal in its field, working alongside the editorial team affords our students a valuable and unique view into the world of academic publishing.

The Department hosts several research centres and has close affiliation with interdisciplinary research clusters that bring together networks of academics from universities across the UK and beyond:

ContemPo

This international collaborative research centre brings together the Departments of English and Creative Writing at Aberystwyth, Bangor and Brighton Universities to investigate contemporary poetry and poetics. It aims to develop knowledge about contemporary poetic practices, about the interface between the verbal and the visual, and also seeks to examine differences in practice between experimental and traditional poetic forms. ContemPo hosts both critical and creative activities through a regular series of video-linked seminars and contemporary poetry events.

David Jones Centre (DJC)

The David Jones Centre is an international hub for research and practice in the field of "word and image", and for research into modernism in Wales and beyond. The Centre reflects strong research synergies in the Department and organises an annual conference held at the National Library of Wales. The launch of the acclaimed biography of David Jones by Professor Thomas Dilworth promotes the neglected field of Welsh modernism and highlights the huge potential for innovative research in the archives at the National Library of Wales.

Institute of Medieval and Early Modern Studies (IMEMS)

The Institute is part of the research and enterprise partnership between Aberystwyth and Bangor Universities. It was launched in 2006 and is a collaborative interdisciplinary research institute. IMEMS brings together researchers and postgraduate students from both universities working in the fields of history, literature, music, theology and Celtic studies, in the period 500-1800. Its core activities include a fortnightly video-link research seminar which is broadcast live across Wales.

IMEMS organises programmes of conferences, workshops and colloquia, which are attended by scholars from around the world. IMEMS provides a lively research environment for Postgraduate students, whether at Masters or PhD level. With the regular programmes of research seminars, student-led workshops and postgraduate training sessions, IMEMS offers a supportive and stimulating context for postgraduate work in medieval and early modern studies.

Department of

Geography and Earth Sciences

Our Department of Geography and Earth Sciences is one of the largest and most experienced departments of its kind in the UK, where you will be taught by world-class researchers in their fields.

Taught degrees

Research degrees

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.

Specialist opportunities for Environmental Change, Impact and Adaptation students at Aberystwyth include:

- 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
- benefitting from 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 researching alongside prominent institutions and initiatives.

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 of 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.

Key facts

- **Degree type:** MSc
- **Course code:** F998
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 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 182.

Practising Human Geography

MA

This degree will provide rigorous research training in theoretical and practical approaches to human geography. Designed as a specific gateway into social science research, the degree will examine how geography has dealt with key themes including space, place, time, scale, mobility and power, as well as providing detailed training on the methods and ethical frameworks underpinning human geography research.

You will develop an awareness of policy debates in human geography, the ethical, moral and legal perspectives on the subject, and the practical, philosophical, epistemological and theoretical approaches to human geography. You will also develop research skills by undertaking research training modules, all of which you will then apply to your own practical research project.

Specialist opportunities for Practising Human Geography students at Aberystwyth include:

- studying a course approved by the ESRC for eligibility to Research Council PhD funding
- participation in the two-day residential "Theory School" with leading scholars
- 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 that contributes to policy and governance, territory, landscape, sustainability, research design and data handling. Our graduates have taken 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 through to doctoral research.

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.

Key facts

- **Degree type:** MA
- **Course code:** L791
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 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 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 182.

Remote Sensing and GIS

MSc

This Masters course 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 processes. Our focus is on the use of freely available software, including software that we write and maintain ourselves (used by NASA and the Japanese Space Agency amongst others) to process a wide range of data sources including optical and radar satellite imagery, drone imagery and LiDAR data. 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.

Specialist opportunities for Remote Sensing and GIS students at Aberystwyth include:

- learning cutting-edge remote sensing and GIS techniques and concepts by applying them to real-world case studies
- 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
- 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 found great success in securing positions at world-leading academic and industrial institutes. Our alumni have taken positions with UK and international government bodies, private enterprises and leading research establishments. 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.

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.

Key facts

⬡ **Degree type:** MSc

⬡ **Course code:** F994

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

⬡ **Entry requirements:** A good 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 182.

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 includes 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 research in cultural and historical geography, which 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

Research degrees

History has been taught at Aberystwyth since the foundation of the University in 1872, making the Department of History and Welsh History the oldest history department in Wales and one of the first in Britain. The Department is one of the principal centres of teaching and research in Welsh history from the medieval period to the present day.

We pride ourselves on the range and depth of our research expertise, from the medieval to the modern and contemporary periods.

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.

Specialist opportunities for History and Heritage students at Aberystwyth include:

- the opportunity to undertake a work placement with a leading heritage organisation
- benefitting from 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.

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.

Specialist opportunities for History of Wales students at Aberystwyth include:

- 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
- benefitting from 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:

- 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
- The Second World War in History and Popular Memory
- 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.

Key facts

Degree type: MA

Course code: V192W

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

Entry requirements: A good 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 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 182.

Key facts

Degree type: MA

Course code: V194

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

Entry requirements: A good 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 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 182.

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.

Specialist opportunities for Medieval Britain and Europe students at Aberystwyth include:

- 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
- benefitting from 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
- The Baltic Crusades, 1147-1290.

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:** A good 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 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 182.

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.

Specialist opportunities for Modern History students at Aberystwyth include:

- 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.

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:

- 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
- The Second World War in History and Popular Memory
- 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.

Key facts

- **Degree type:** MA
- **Course code:** V140
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 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:** 6.5 with minimum 5.5 in each component. See page 182.

MPhil, PhD

The Department offers MPhil and PhD degrees, which provides 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). The Centre is currently preparing a second edition of the Department's successful historiography textbook *Making History* (ed. P Lambert and P Schofield, 2004).

Department of
Information Studies

Taught degrees and Distance learning

Continuing Professional Development and Short Courses

Research degrees

The Department of Information Studies has a long-established international reputation as a provider of high quality, professionally-orientated and student-centred courses in information studies. Established in 1964, we offer world-class education for those working or planning a career in libraries, archives, and the fast-developing world of digital information. This, coupled with the resources available within the University and the nearby National Library of Wales, makes Aberystwyth an ideal place to study this exciting, fast-moving subject.

All of our degree schemes are professionally accredited by the Chartered Institute of Library and Information Professionals (CILIP) and/or the Archives and Records Association (ARA).

Archives and Records Management

MA

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.

Specialist opportunities for Archive and Records Management students at Aberystwyth include:

- hands-on project working with professional archivists
- in-depth study of palaeography using documents in different hands
- medieval and post-medieval palaeography pathways
- training in industry-standard cataloguing and preservation software
- intensive dissertation workshop to support research topic identification and develop research skills
- professional conferences, visits and lectures
- 3-4 day study tour in London.

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.

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 regardless of format.

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.

Digital Information and Media Management

MSc

This degree is designed to train you in the skills required for collecting and curating digital information and preparing it for use by individuals and organisations.

You will gain a thorough understanding of the complexities of digital asset management and long-term digital preservation. You will master the policies, procedures and governance required to ensure the integrity of digital material over time, and will graduate with the skills and experience to handle digital information for any size of organisation, be it national, governmental or international. You will also be trained to manage the dialogue between stakeholders in the new digital information ecology.

Specialist opportunities for Digital Information and Media Management students at Aberystwyth include:

- hands-on project working with professional digital information managers
- training in industry-standard cataloguing and preservation software
- education in relevant coding languages
- 3-4 day hands-on methods and tools workshop
- intensive dissertation workshop to support research topic identification and develop research skills
- professional conferences, visits and lectures
- 3-4 day study tour in London.

Employability
This degree will equip you with latest developments in digital information curation, both in terms of technological and theoretical approaches. By balancing the theory with the practice, you will be strongly placed to succeed in the jobs marketplace, particularly in organisations that prize well-trained managers of its most valuable resource: information. The course will also equip you with a wide range of more general work skills – in research, analysis, writing, presentation and management – ensuring your employability is improved across the board.

Modules

Core modules that you may study on this course include:

- Information Systems in Organisations
- Knowledge and Information Architecture
- Archives Collection Development and Description
- Digital Information: Management for Access and Preservation
- Records and Information Governance.

Information Systems in Organisations
Equips you with the skills and knowledge to evaluate and analyse existing information systems. You will be able to identify how the system can be improved, how the necessary changes can be made, and will be able to measure the effectiveness of the new system for the organisation.

Knowledge and Information Architecture
With an understanding of technological developments in how we treat information in our society and how organisations engage tactically with information and knowledge, you will be able to fully exploit the opportunities provided for handling knowledge and information as organisational and societal assets.

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

Key facts

- **Degree type:** MA
- **Course code:** P132, P132D (Distance learning)
- **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years (Distance learning)
- **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' work experience in a relevant sector. Distance learners must demonstrate 3 months' 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 182.

Key facts

- **Degree type:** MSc
- **Course code:** P124, P124D (Distance learning)
- **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years (Distance learning)
- **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' work experience in a relevant sector. Distance learners must demonstrate 3 months' 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 182.

Information and Library Studies

MA

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.

Specialist opportunities for Information and Library Studies students at Aberystwyth include:

- 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
- intensive dissertation workshop to support research topic identification and develop research skills
- 3-4 day study tour in London.

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.

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.

Digital Preservation 🖥 A Distance learning course

PGCert

This Postgraduate Certificate is designed to enable qualified information managers, librarians and archivists, or those with relevant work experience, to gain a thorough understanding of the workflow, policies, procedures and governance for managing digital information over the long term.

You will learn to identify efficient and productive ways of operating through a thorough understanding of the technical and organisational standards underpinning the management of digital information and the appropriate application of ICT technologies.

By the end of your course of study, you will be able to demonstrate a mastery of the technological processes for information governance and digital preservation. You will achieve this by applying your specialist skills to real-life situations throughout the course and, by making the most of this experiential learning, you will complete the course with valuable hands-on experience of this increasingly important subject.

Specialist opportunities for Digital Preservation students at Aberystwyth include:

- hands-on project working in a professional environment
- education in relevant coding languages
- optional 3-4 day hands-on methods and tools workshop
- optional training in industry-standard cataloguing and preservation software.

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

CPD short courses by online distance learning

We offer a wide portfolio of online Continuing Professional Development (CPD). Examples of our specialist credit-bearing courses include digital preservation, knowledge and information architecture and rare books. We offer multiple start dates and credit transfer to our Postgraduate Degrees, subject to eligibility.

For more information visit: **www.aber.ac.uk/en/dis/courses/short-courses**

Key facts

- **Degree type:** MA
- **Course code:** P194, P194D (Distance learning)
- **Duration:** 1 year (full-time) or 2 years (part-time) or 2-5 years (Distance learning)
- **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' work experience in a relevant sector. Distance learners must demonstrate 6 months' 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 182.

Key facts

- **Degree type:** PGCert
- **Course code:** P123D
- **Duration:** 2 years (Distance Learning)
- **Entry requirements:** 2:2 Bachelors (Honours) degree, or equivalent, with 6 weeks' work experience in a relevant sector. Distance learners must be in continued employment or have regular volunteer work in a relevant sector. Non-graduates will be considered individually based on relevant work experience.
- **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

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 and Web 2.0, the potential for an 'infinite archive' 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.

Emerging areas of research include digital curation which involves 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: *Archives and Records: the Journal of the Archives and Records Association; ASLIB Proceedings; Digital Preservation Coalition's Technology Watch Series; International Journal of Information Management; Journal of Information Science; Library and Information Research; Library Review; New Library World; New Review of Information Behaviour Research; Open Information Science; Performance Measurement and Metrics: The International Journal for Library and Information Services; Public Library Quarterly;* and *The Electronic Library.*

MPhil, PhD, DProf

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 see our website, or contact us.

Department of
International Politics

Taught degrees

Research degrees

As the world's first Department of International Politics, we focus on developing a deep and diverse understanding of some of the most significant global challenges facing states, societies, peoples and the planet. In a time of political and ideological uncertainty, social and economic transformation, and increasingly complex forms of conflict and violence, everyone has a stake in how these crucial global challenges are confronted.

As a student in our Department you will be part of a vibrant community, working with leading researchers in a dynamic environment to better understand these transformations in international politics. The Department's teaching and research remain true to its founding ideals: to seek greater security, peace and justice in a disordered world.

International Relations

MA

Students of international relations in the 21st century are confronted by a world in flux. Established structures of power and authority are being profoundly reshaped, or even torn down altogether, as new patterns of global relations and new forms of political identity come to prominence. Through this process, the landscape of contemporary global politics is changing rapidly, in pronounced and often unpredictable ways.

At the same time, dramatic advances in science and technology, as well as far-reaching developments in economic and social organisation, require new conceptions of what politics is and where it is happening. As the climate emergency most strikingly demonstrates, the challenges that face international relations now are unprecedented. However, profound change also invites a bold reimagining of the nature of our politics, of our relations with one another and of our existence in the world.

The MA International Relations course enables you to grasp the complexity of this turbulent moment in world politics and to think through its meanings, both theoretical and practical. Whether your background is in International Relations or a different discipline, the range of modules and academic expertise that our MA programme provides will encourage you to stretch your horizons and explore the many different possibilities for envisioning international politics 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.

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:

- Global Challenges and the Future of International Relations Theory
- Post-Western International Relations
- Indigenous Politics: Challenging the Global Order?
- Middle Powers and the Liberal Order
- Fear, Cooperation and Trust in World Politics
- The International Politics of Conflict Knowledge
- The EU in Crisis? Integration and Fragmentation.

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

Key facts

- **Degree type:** MA
- **Course code:** L287S (specialist pathway), L287R (research training pathway).
- **Duration:** 1 year (full-time)
- **Entry requirements:** A good 2:2 Bachelors (Honours) degree ideally in a relevant subject area, 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 182.

International Politics
(Dual Degree with American University)

MA

This exciting new, 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 with American University) 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.

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.

International Politics: Theories and Concepts
Examines 'classical' concepts within International Relations, including the contested meanings of anarchy, sovereignty, power and security. It also tackles the role of colonialism, environment and gender.

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

- Global Challenges and the Future of International Relations Theory
- Post-Western International Relations
- Indigenous Politics: Challenging the Global Order?
- Feminist Approaches to Security
- Middle Powers and the Liberal Order
- Fear, Cooperation and Trust in World Politics
- The EU in Crisis? Integration and Fragmentation.

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.

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 182.
- **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:** Fees for American University were not available at the time of going to press. For further information 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 initial 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.

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 a good 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:

- Thoughts of War
- Intelligence, Security and International Relations
- British Counterinsurgency in the 20th Century
- Critical Security Studies: Emerging Issues
- Critical Security Studies: Contemporary Theories
- Russia at War since 1812
- War and Peace in the Middle East.

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

Key facts

- **Degree type:** MA
- **Course code:** L252S (specialist pathway), L252R (research training pathway).
- **Duration:** 1 year (full-time)
- **Entry requirements:** A good 2:2 Bachelors (Honours) degree ideally in a relevant subject area, 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 182.

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 thinking, exploring and testing of new ideas 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 the study of military history to the latest challenges in nuclear proliferation and intelligence gathering, from analyses of the role 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 welcoming and rigorous research community.

Department of
Law and Criminology

Founded in 1901, the Department of Law and Criminology has a long, reputable and increasingly varied experience of education and academic work. The Department is committed to a policy of innovation and development in teaching and research, and aims to maximise choice in its provision of education while ensuring that teaching is informed by up-to-date scholarship at the highest level. At Aberystwyth, you are also able to choose between on-campus and distance learning study for all our LLM programmes.

Our staff are research active and many participate in national and international debate and policy-making. This includes working with the European Union, United Nations, national governments and corporations.

Taught degrees and Distance Learning

Research degrees

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 and a critical understanding of the theoretical foundations of research and its application in Criminology and Law.

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. You will have the opportunity to gain a critical understanding of the most important theories of criminal behaviour, assess their current relevance and analyse their implications for controlling crime. 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. The MSc is a stimulating and demanding programme, involving intensive learning in small groups, overseen by subject specialists and experts in the field and is suitable for criminology graduates or students from a related discipline.

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) 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.

Modules

Both MA and MSc students will take Principles of Research Design 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
- 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
- Philosophy and Sociology of Human Rights Protection
- International Environmental Law.

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

Key facts

- 🎓 **Degree type:** MA, MSc
- 📚 **Course code:** M984 (MA), M983 (MSc)
- 🕐 **Duration:** 1 year (full-time) or 2 years (part-time)
- 📋 **Entry requirements:** A good 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.
- Aa **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

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.

Students studying Human Rights and Humanitarian Law at Aberystwyth will enjoy:

- 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
- Philosophy and Sociology of Human Rights Protection.

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) degree in Law or equivalent, or a good 2:2 Bachelors (Honours) degree in a related social science 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.
- Aa **IELTS:** 6.5 with minimum 5.5 in each component. See page 182.

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.

Students studying International Commercial Law at Aberystwyth will enjoy:

- 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
- Philosophy and Sociology of Human Rights Protection.

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

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.

Students studying Law at Aberystwyth will enjoy:

- 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.

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
- Philosophy and Sociology of Human Rights Protection.

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) degree in Law or equivalent, or a good 2:2 Bachelors (Honours) degree in a related social science 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 182.

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) degree in Law or equivalent, or a good 2:2 Bachelors (Honours) degree in a related social science 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 182.

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.

Students studying Youth Justice at Aberystwyth will enjoy:

- 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 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
- research and academia.

Modules

Core modules that you may study on this course include:

- Critical Youth Justice
- International Comparative Youth Justice
- Principles of Research Design
- Qualitative Data Collection and Analysis.

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

- Miscarriages of 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
- Philosophy and Sociology of Human Rights Protection
- International Environmental Law.

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

Key facts

- **Degree type:** MSc
- **Course code:** M985
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good Undergraduate degree 2:2 (UK) in criminology or related subject.
- **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 182.

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 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

Mathematics

Taught degrees

Research degrees

Aberystwyth has a long tradition of excellence in teaching and research in Mathematics. Our aim is to provide the highest quality education in a friendly and supportive environment and to undertake internationally competitive research that cuts across the traditional disciplines. The creativity and enthusiasm of our staff has achieved an international reputation and attracts major funding from both government and industry.

Data Science

MSc

Data Science is a rapidly growing specialism, with applications in business, government and science. 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. There is a huge demand for graduates with skills in 'Big Data'.

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.

Specialist opportunities for Data Science students at Aberystwyth include:

- benefiting 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

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. 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 182.

Statistics for Computational Biology

MSc

Computational Biology is an area of key strategic interest for interdisciplinary research and for employers in pharmaceuticals, advanced agriculture and in public health. The application of statistics and machine learning to extract useful knowledge from large biological data sets is a key requirement in these fields.

The course is designed to introduce key, practice-based skills in statistics for computational biology. You will learn how to critically evaluate the application of specific statistical techniques to research problems in computational biology and then effectively interpret and report the results of analyses.

This MSc course combines the disciplines of Mathematics, Computer Science, and Biological Sciences, and is suitable for graduates in any of these three disciplines.

Specialist opportunities for Statistics for Computational Biology students at Aberystwyth include:

- studying in departments with links to many major companies and a strong research focus
- being supported with your career planning throughout your degree
- benefitting from the combined wealth of expertise and knowledge available from the Department of Mathematics, the Department of Computer Science, and the Institute of Biological, Environmental and Rural Sciences (IBERS).

Employability
The rapidly growing pool of large biological datasets is leading to an increase in the demand for people with expertise in thinking about biological problems using computational and statistical tools. Both in industry and academia, graduates with good numeracy skills, some understanding of the underlying biology, and a good grasp of computational methods including programming, have a wide range of employment opportunities. This course will develop skills relevant to advanced agriculture, pharmaceutical software engineering and nanotechnology. Academic opportunities include bioinformatics, drug design and genome sciences. Graduates of this degree now work in areas such as financial data analysis and precision medicine.

Modules

Core modules that you may study on this course include:

- Frontiers in the Biosciences
- Programming for Scientists
- Statistical Concepts, Methods and Tools
- Machine Learning for Intelligent Systems
- Statistical Techniques for Computational Scientists.

Frontiers in the Biosciences
Highlights the integration of topics and research approaches in biology, and provides insight into how different researchers, practitioners and users of the information communicate, view and position themselves around a particular topic.

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.

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.

Key facts

- **Degree type:** MSc
- **Course code:** G499
- **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 10-14 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 182.

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 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).

MPhil, PhD

We offer PhD and MPhil degrees by research 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.

Department of

Modern Languages

Research degrees

At Aberystwyth, we offer a range of opportunities for research in three major European languages - French, German and Spanish. The expertise of the teaching staff covers a variety of fields within each language, ranging from drama to cinema, as well as philological language and literary studies.

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 include:

- **French**: historical linguistics; early modern literature and ideas; modern literature; cinema; Anglo-Norman; Romance linguistics; history of travel and travel literature; 20th- and 21st-century French thought, especially existentialism and feminism; (auto-)biography and life-writing; and theoretical approaches to reading.
- **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.
- **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 postgraduates have been researching such topics as:

- Translating René Le Pays's *Amitiez, amours, amourettes*: rendering travelogues in the language of their destination
- The early 20th-century German women writers Ina Seidel and Vicki Baum
- The translation of audio-visual Holocaust testimony
- Regional Refugee Committee supporting refugees from National Socialism
- Kindertransport autobiographies and fiction
- A comparative analysis of Second Generation Kindertransport in the US and the UK.

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 main current and recent research projects include:

The Kindertransport 1938/39 to the UK: Critical Approaches

This project analyses the celebratory approach to the Kindertransport in the public discourse and seeks to dispel myths by providing contemporary evidence on as yet underexplored details of the operation that allowed around 10,000 unaccompanied child refugees to enter Britain without a visa between December 1938 and September 1939. The study investigates the effects of this particular way of finding refuge and the traumatic consequences for the birth parents, Kindertransportees and foster parents. It also explores issues of identity and belonging regarding religious affiliation and resettlement in the different countries of the UK through the examination of archival material, memory texts and oral history interviews. Researcher Andrea Hammel has contributed to several radio programmes, exhibitions, and public events in Germany and the UK on the topic.

Exile writers of the 1930s and 40s: Recognising their contribution to Modernism(s)

This project seeks to integrate novels by German-language refugee writers in the study of modernisms and the field of English literature. Many exile writers were successful in Britain in the 1930s and 40s but have since not received sufficient attention by literary scholars. This project seeks to rediscover this part of literary history.

Translating Holocaust Lives

This project was supported by the AHRC and has already resulted in a ground-breaking volume of the same title, co-edited by Andrea Hammel. It looks into the position of translations and translators regarding Holocaust testimony, be it in written or oral form. It is part of the cultural turn in Translation Studies and investigates the position of translators, the translation context and choices and their interrelationship with literary audiences and educational settings.

Monkey Raisins, Monkey Nuts – German Grammar Project

A lot of foreign language anxiety in German has to do with the fact that German grammar is perceived to be very 'difficult'. This project aims to design and implement easy German grammar learning tools and memory aids for English native speakers. Phase One involves the design of simple study materials, podcasts and online resources (**www.easygermangrammar.org**). An accompanying Twitter account **@monkeyraisins** provides easy-to-use memory aids and tips on German grammar. Phase Two will result in a comprehensive and open source Easy German Grammar book. A series of public workshops will conclude the project and provide first-hand experience with easy German Grammar for both Modern Foreign Language students and teachers.

The New Tragic in Contemporary European Theatre and Performance

This project investigates the defining characteristics of a new and contemporary form of tragic aesthetics in theatre and performance. Phase One involved outlining current manifestations of the new tragic and defining a number of its most typical tropes. Phase Two will result in a full-length study including a range of contemporary examples. A series of workshops and conferences will lead to the establishment of a new tragic network. A public-facing website will finally invite the public to contribute to the project through suggesting further contemporary examples.

Anglo-Norman Dictionary Project

This project has been operating through a phased approach since 2003 to revise the Anglo-Norman Dictionary (AND) in stages.

Anglo-Norman, the form of French used in medieval Britain from 1066 until the mid-fifteenth century, is a major component of English. It is crucial to historians of English; as an important dialect of medieval French (in which the earliest French literary texts were written), it forms a key element in any account of the history of French vocabulary. The language of a major European power in the Middle Ages, Anglo-Norman was the medium for a vast array of historical, administrative, and legal documentation. The AND (1977-1992) is the only guide to this difficult vocabulary. The project's ultimate aim is a complete

A-Z revision, which will produce an online resource three or four times the size of the first edition.

The project will make AND available online with advanced search options, allowing the user to approach the same material from completely different angles. It is now possible to search by modern English translation, text source, semantic field, date etc.

Contemporary Cuban Cinema Seminar and Festival

This project aimed at achieving a greater understanding of the link between Cuban film and society post-1990. These studies develop the link between the development of a revolutionary consciousness across Cuban arts and the attempt to deliver expressions of that consciousness through the medium of film. However, post-1990, when Cuba suffered the worst crisis in its revolutionary history due to the collapse of European communism, many points of ideological reference shifted and therefore new expressions of that shift were developed in Cuban cinema in order to come to terms with the enormous economic and social changes that took place. It was the purpose of this investigation to examine the expressions of these changes to determine to what extent the state integrates such filmic expressions into the social ideology in a continuously evolving process.

The seminars enabled scholars from the UK, the USA and Cuba to bring together their ideas on contemporary Cuban film and its link with Cuban society in order to develop a more complete understanding, not only of Contemporary Cuban cinema per se but also of how Cuban society developed its cultural output at times of severe crisis.

Gender. Nation. Text.

This project explored the multifarious manifestations of gender intrinsic to national ideologies, the use of gender in the construction and development of

nation states, and the role of political, literary and cinematographic discourses in cultural debates that define national and international borders in postcolonial societies, primarily in Europe and Latin America. One product of this ongoing collaboration was the volume *Gender. Nation. Text. Exploring Constructs of Identity* (2017) co-edited by Dr Lorraine Kelly (NUIG), Dr Tina-Karen Pusse (NUIG) and Dr Jennifer Wood (Aberystwyth University). Further publications that developed from this project look at constructs of longing and belonging in relation to the Welsh diaspora in Argentina and understandings of identity.

Narrative and Violence in Modern French and Francophone Literature

This research project investigates the relationship between narrative and violence from a variety of angles. It considers representations of violence, its relationship with narrative structure, and readerly responses to violence that are written into narrative texts. The project has also been at the centre of wider interdisciplinary research initiatives, with the support of the British Academy. Researchers in English literature, social psychology, postcolonial studies, gender studies, critical and legal studies, and book history have together explored how narratives of violence shape interpersonal relationships, cultural imaginaries and geopolitics.

Young colonial influencers? The French female student mission in Indochina (1924)

Through archival research, family archives and interviews, Dr Golléri 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.

Department of

Physics

Physics and Astronomy have been taught at Aberystwyth since the University was founded in 1872. Our aim is to provide the highest quality education in a friendly and supportive environment and to undertake internationally competitive, collaborative research in Solar System Physics and Materials & Quantum Physics. Working closely with Coleg Cymraeg Cenedlaethol, the Department also plays a leading role in the provision of physics in higher education through the medium of Welsh.

Taught degrees

Research degrees

Radio Spectrum Engineering

MSc

Radio spectrum, part of the wider electromagnetic spectrum, ranges from Very Low Frequency (VLF) to optical frequencies and beyond. It is the soft infrastructure that enables wireless connectivity between places, people and devices through mobile phones, navigation systems, sensor and radar systems, for example. All of these radio systems are integral to the national infrastructure and defence. Extensive growth is anticipated in the field through the development of new radio-system applications to support what is becoming known as the fourth industrial revolution.

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 radio spectrum technologies essential for running a modern economy.

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.

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 to an 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 by research in a wide range of research areas within Physics. These include:

Solar System 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
- the expansion of solar material into space, and space weather
- total solar eclipse observations
- molecular linelists and their potential for astronomical diagnostics
- development of instrumentation for solar observations and planetary exploration.

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 Dr Huw Morgan (**hmorgan@aber.ac.uk**).

For further information see our website, or contact us.

Key facts

Degree type: MSc

Course code: F935

Duration: 1 year full-time

Entry requirements: A good 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 182.

Our research

Research projects are offered in consultation with the following research groups:

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 (dental cements), space (camera calibration), energy (transparent conductors) and digital technology (quantum control).

We have funded research partnerships in several key fields including solar photovoltaic research, photonics, radio spectrum technology and quantum information/control. We welcome informal queries from any potential PhD applicant interested in these fields.

Solar System 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 Solar System Physics Group at Aberystwyth studies this single system from the development of eruptive features on the Sun, through the evolution and structure of material in the solar wind, and the impact of this flow on the environments of the inner planets. 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.

Department of

Psychology

Here you will be supervised by research-active staff in a department accredited by the British Psychological Society, a mark of quality widely acknowledged by employers in the professional field, and which grants the opportunity for our postgraduate students to gain graduate and/or chartered membership of the society.

Our research expertise ranges from rural health, exercise and health psychology, developmental psychology, mental health, evolutionary psychology, perception, social and critical psychology, to music psychology, language and bilingualism, biological psychology and gender, to name a few.

Taught degrees

Research degrees

Behaviour Change

MSc

In order to bring about positive change for societal and environmental good, it is first necessary to understand why humans behave in the ways that they do, both individually and as groups. Considering the national and global challenges currently faced in the areas of politics, the environment, agriculture, health, education, and other sectors, this has never been more urgent.

You will firstly be introduced to the psychology of human behaviour and mechanisms of behaviour change from numerous psychological perspectives (including evolutionary, cognitive, social, biological and developmental branches of psychology) before specialising in your chosen pathway for optional modules and the dissertation (choose from Geography, Psychology, Business or International Relations).

You will design innovative, evidence-based solutions that meet the behaviour change challenges observed in professional and real-world contexts and learn how to communicate these ideas to both specialist and non-specialist audiences.

Specialist Opportunities for Behaviour Change students at Aberystwyth include:

- a thorough psychological grounding in behaviour change as well as a comprehensive sociological foundation
- tuition in quantitative and qualitative research methods
- numerous coursework assessments and dissertation options based on experiential stakeholder-posed behavioural challenges
- transdisciplinary working which will facilitate the cross-pollination of individual perspectives from students' differing disciplines
- guest lectures from external collaborators such as Public Health Wales, Natural Resources Wales, Dwr Cymru (Welsh Water), local businesses and the Welsh Government.

Modules

Core modules that you may study on this course include:

- The Psychology of Behaviour Change
- Transdisciplinary Dialogue
- Research with People
- Risk, Resilience and Behaviour 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 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.

Research with People
Will provide you with a thorough grounding in the principles of behaviour change research. Special attention will be paid to the transdisciplinary nature of behaviour change and the skills needed to succeed in complex research settings.

Risk, Resilience and Behaviour 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.

Key facts

Degree type: MSc

Course code: C801

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

Entry requirements: A good 2:1 Bachelors (Honours) degree, or equivalent with satisfactory portfolio. 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 your assigned supervisor during the dissertation period

IELTS: 7.0 with minimum 6.0 in each component. See page 182.

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 located in the Psychology Postgraduate Centre, a growing community of Psychology postgraduates where all have access to their own computer and storage facilities. We also have options of individual offices 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.

Our postgraduates have recently completed MPhil and PhD projects on:

- Understanding motivation to self-manage and quality of life in people with chronic obstructive pulmonary disease: a self-determination theory perspective
- The role of professional status in mediating the gendered and racialised experiences of Nigerian women working in the NHS : An interdisciplinary approach
- Collaboration in extended requests and their fulfilment in speech and language therapy telemedicine consultations.

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, 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, through to commercial organisations such as Coca Cola and Technogym.

All academic members of the Department are research-active with a broad cross-section of interests in theoretical and applied fields using a range of research methods. The Department has particular strengths in applied psychology in relation to health and medicine; social and critical psychology; forensic and criminal psychology; and human performance. It has a culture of innovative and collaborative work that fosters interdisciplinary research.

The research interests of the staff fall into three main research themes:

Language and learning
The language cluster studies language, cognitive neurolinguistics, applications of language, developmental language issues and the learning of language. Their research also explores differences between languages and the psychological impact of being bilingual.

Health and well-being
This research cluster focuses on a range of health and well-being issues. Researchers in this cluster identify factors and techniques that enhance, promote or protect mental health in both clinical and non-clinical populations; study the dynamics between health stakeholders; and examine the impact of health policies on how people make sense of their health and the possibilities afforded by digital technologies. This group is also linked to the Centre for Rural Health.

Evolutionary and forensic psychology
This cluster focuses on addressing contemporary social and psychological issues through psychometric and evolutionary frameworks. Their work focuses on a range of important issues including criminal behaviour, smoking, well-being and humour.

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.

The Department also has links with the University's Centre for Rural Health, with brings together four departments – Psychology, Computer Science, Geography and Earth Sciences, and the Institute of Biological, Environmental and Rural Sciences (IBERS). Working collaboratively with Hywel Dda University Health Board, Powys Teaching Health Board, the Mid Wales Healthcare Collaborative, 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.
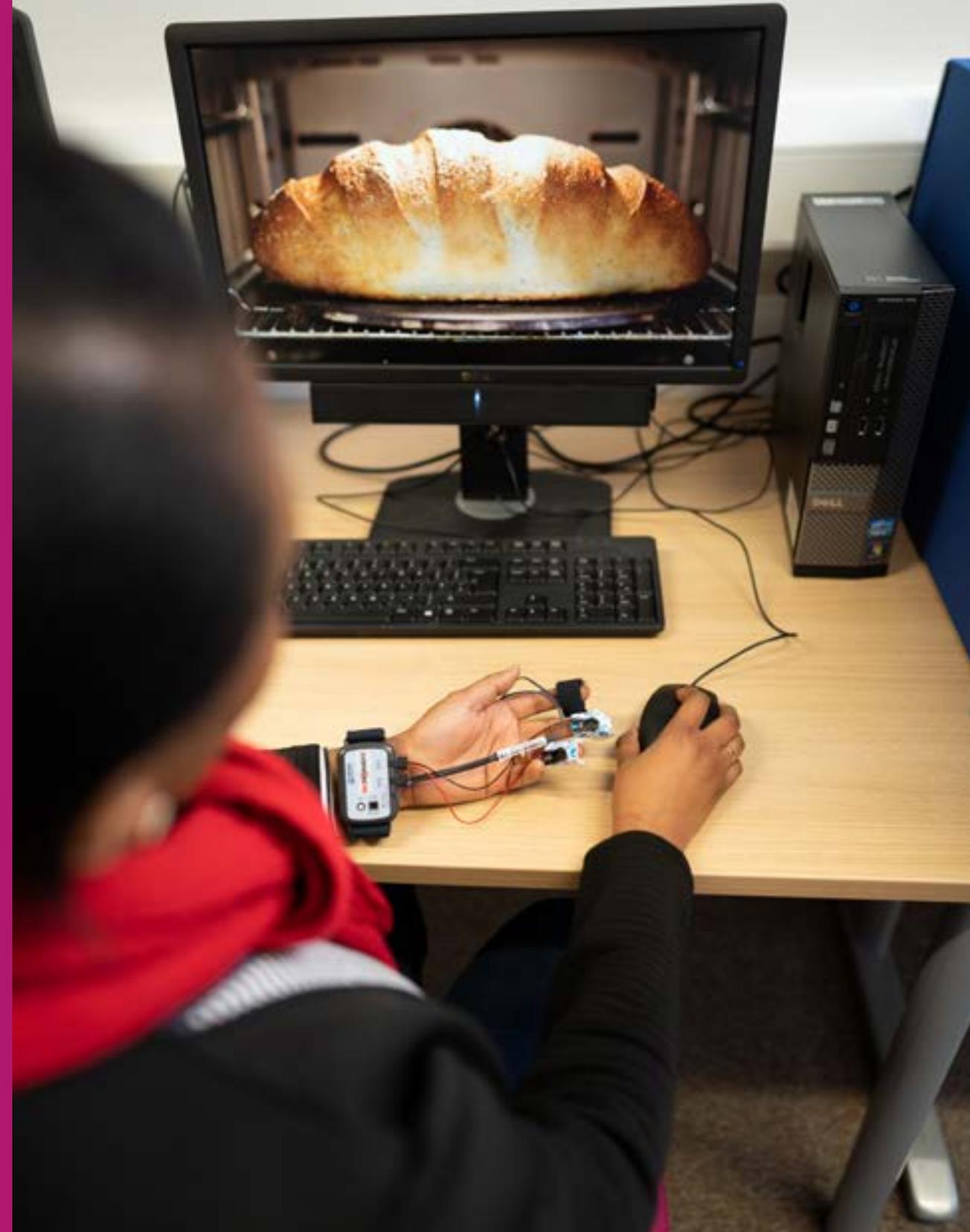
Department of

Theatre, Film and Television Studies

As one of the few interdisciplinary departments of its kind in the UK, the Department of Theatre, Film and Television Studies has an international reputation for conducting cutting-edge quality research and teaching, which makes Aberystwyth an ideal place to pursue both Masters and Doctoral degrees.

Taught degrees

Distance learning

Research degrees

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, ecocriticism and site-specific performance.

Specialist opportunities for Documentary Film students at Aberystwyth include:

- use of facilities to work across digital, 8mm and 16mm film, including a digital research lab and darkrooms for analogue film and photography
- access to the National Screen and Sound Archive
- taking part in workshops and masterclasses with visiting artists
- field work and trips.

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.

Modules

Modules that you may study on this course include:

- Documentary Practices
- 16mm Filmmaking
- Key Concepts and Debates in Human Geography
- Risk, Resilience and Behaviour in a Changing Environment
- Ecocriticism and Ecocinema
- Human Geography: Theory and Method
- Exhibiting Film
- Engaging Publics
- Practice Research Project.

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.

Key facts

- **Degree type:** MA
- **Course code:** P311
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 2:2 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 182.

Film Producing

MA

This degree aims to extend your knowledge and experience of film production and film producing. Our teaching offers you training in research methodologies, provides a combination of applied research and vocational training, and stimulates vigorous intellectual inquiry.

In every area of this course you will be encouraged to develop your academic and practical knowledge of film producing through a series of case studies and research-led explorations. Your participation in seminars and a range of vocational exercises will enable you to develop, contextualise and reflect critically upon your own work in a broader professional context.

Specialist opportunities for Film Producing students at Aberystwyth include:

- working with an experienced film producer on all aspects of the film producing modules
- vocational training through the film producing modules
- access to masterclasses run by industry professionals
- access to studios and workshops, digital research equipment, and the Department's filming and post-production facilities and equipment.

Employability
The MA in Film Producing combines theoretically-informed film practice with technical skills and critical thinking, giving you the chance to develop high levels of production work alongside an appreciation of the craft, history and broader professional context of filmmaking. The aim is to stimulate creativity and embed a systematic understanding and knowledge through a combination of theory and practice, as well as nurturing the essential competencies and capabilities demanded by key industry employers and the independent production sector.

Modules

Core modules that you may study on this course include:

- Case Studies in Film History
- Aspects of Media Law
- Film Producing
- Film Distribution and Exhibition
- Financial Analysis and Decision Making
- Film Production Project.

Case Studies in Film History
Through historical analysis of film texts, you will develop a particular understanding of text in relation to contexts of production, exhibition or reception. You will explore continuities and disruptions across both Hollywood, European and world cinema, including popular and alternative cinema.

Aspects of Media Law
Enables you to critically evaluate and research the current legal protections and structures in place to ensure compliance with strict and complex precedent, and to investigate new strategic approaches to the business of filmmaking. There will be a strong vocational aspect to the module.

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

Key facts

- **Degree type:** MA
- **Course code:** P313
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 2:2 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 182.

Theatre Practice: Performance and Scenography

MA

The Theatre Practice degree is aimed at students who intend to pursue creative practice in performance and scenography in order to become professional artists and/or practice-based researchers.

Housed in its own dedicated building and led by internationally recognised practitioners, this degree enables personal and professional development through the sustained exercise of creative practice in performance and scenography.

Within Aberystwyth's historic Assembly Rooms, you will have a dedicated workspace with the opportunity to work daily as a community (or 'Assembly') of experimental, developing artists, specialising in diverse aspects of contemporary performance practice, from scenography, design and installation, to acting, writing and directing. Whilst supporting personal pathways, the teaching will foster such specialisms by encouraging them to intersect and intertwine, forming a cultural environment of collaboration and exchange in order to strengthen the creativity of the individual and the individuality of their creativity.

Specialist opportunities for Theatre Practice students at Aberystwyth include:

- a dedicated workspace
- access to studios and workshops
- creative development led by internationally recognised practitioners
- 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.

Modules

Core modules that you may study on this course include:

- Compositional Practices
- Creative Production Project
- Space, Time, Material and Form
- Research Project.

Compositional Practices
Will allow you to explore a range of conceptual, compositional and practical strategies and methodologies for making contemporary theatre, performance and scenography, as the basis for individual creative development.

Creative Production 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.

Key facts

Degree type: MA

Course code: W461

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

Entry requirements: A good 2:2 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 182.

National Theatre Wales: Mike Brookes (MA Theatre Practice)

Advanced Media Production

A Distance learning course

MSc, PGDip, PGCert

Combining practical knowledge of computer programming with media production skills, this course is suitable for individuals who are currently employed, or wish to work, within the creative industries. It will equip you with the theoretical and real-world skills required to work with digital and media technologies.

This is an interdisciplinary degree hosted by the Department of Computer Science and the Department of Theatre, Film and Television Studies. Generous discounts are available to those students working in a relevant industry in the West Wales & Valleys region who meet the eligibility requirements.

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 between 10-14 hours a week on online lectures, presentations, podcasts, readings and assignments. Wherever possible, the training will be relevant to your day-to-day role.

Most training is by distance learning and 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 materials for each 14-week module include 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.

Some modules will follow a blended learning programme of short workshops of between 1-3 days, combined with elements of distance learning.

Modules

Modules that you may study on this course include:

- Introduction to Media Production
- Programming for Digital Media
- Web Development
- Applied Graphics
- Digital Cultures
- Big Data
- Advanced Skills in Media Production
- Gender and Media Production
- Extended Reality
- Research Concepts and Skills.

Introduction to Media Production
Trains you in the fundamental practical skills required in the pre-production, production and post-production sectors of the media and creative industries. Content includes script breakdowns, schedules, budgets, camera, lighting, sound and editing.

Programming for Digital Media
Focuses on programming around digital media – images and sound.

Applied Graphics
Gives you a grounding in image and video processing and 3D animation.

Gender and Media Production
Develops your understanding of the relationship between gender and media by examining topical issues of consumption, representation, and industry practice and regulation.

Most modules are taught through the medium of Welsh, English or bilingually.

For more details and the latest information on our modules, see **amp.aber.ac.uk**

This course is part-funded by the European Social Fund through the Welsh Government.

Key facts

🎓 **Degree type:** MSc, PGDip, PGCert

📚 **Course code:** G4P3D

🕐 **Duration:** Available until April 2023 (Distance learning)

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

💰 If you are employed within the Creative Industries in West Wales and the Valleys you may qualify to receive a bursary. For more information visit: **amp.aber.ac.uk**

Aa **IELTS:** 6.0 with minimum 5.5 in each component. See page 182.

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.

Although we have particular strengths in Theatre and Performance Research, and Welsh Theatre and Media Research, we also welcome research in other topics, including:

- aesthetics, politics and social engagement
- alternative, avant-garde and experimental theatre and film
- British cinema
- contemporary British and Irish theatre
- documentary film and television
- documentary and verbatim theatre
- 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
- music and sound in film
- 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

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.

There are three Research Groups:

- Theatre and Performance Research
- Film and Television Research
- Welsh Theatre and Media Research.

Additionally, there are four cross-disciplinary research themes in TFTS: History, Politics, Place and Aesthetics.

The Department draws upon an extensive network of local and global connections and collaborations in order to sustain research into the regional, national and international significance of theatre, performance, film, and screen media within a globalised cultural environment.

The Department has a particular commitment to supporting research which is relevant to the cultural and social life of Wales, whilst setting it within a national and international frame of reference.

Theatre and Performance Research Group

The Department supports scholarly study, field research and practice-led enquiry in theatre and performance, and welcomes interdisciplinary approaches. Several members of staff are award-winning artists and emphasis is upon processes of making, reading and analysing theatre and performance in local, regional, national and trans-national contexts.

Current research themes include:

- contemporary theatre and performance
- history of Welsh language theatre and drama
- installations across the art/science boundaries
- intermediality and post-cinematic theatre
- performance and architecture
- performance and physical culture
- performance and disability
- performance and rural community
- postdramatic theatre
- relational aesthetics
- scenography, performance and the everyday
- theatre and time.

Film and Television Research Group

The Department supports scholarly study and practice-led enquiry in film, television and media, and (along with the Department of History and Welsh History) the Centre for Media History and its major journal, *Media History*.

Research is conducted across a range of topics in film, television and media studies, with particular concentration on the following areas:

- broadcasting and national identity
- digital culture
- digital tools and teaching practice
- documentary film
- experimental filmmaking
- French avant-garde film
- intermediality and post-cinematic theatre
- media history
- rural studies - filmmaking.

Welsh Theatre and Media Research Group

The Department acknowledges its special responsibility for conducting research into Welsh (especially Welsh language) theatre, film, media and performance, which it does by means of a focused interrogation of the experience of community, the cultural construction of nationality, and the artistic investigation of social identity.

Particular research interests include:

- contemporary Welsh theatre and performance
- Welsh theatre history
- minority language media
- the media in Wales
- the media and national identity
- film, broadcasting and arts policy in Wales.

Prague Quadrennial: Simon Banham (MA Theatre Practice).

Department of
Welsh and Celtic Studies

Since the appointment of its first Professor of Welsh in 1875, the Department of Welsh and Celtic Studies has played a leading part in Welsh learning and culture, education, politics and journalism.

Internationally renowned for its research and teaching, the Department is also noted for providing a friendly and supportive learning environment for postgraduates from all over Wales and the world.

Taught degrees

Research degrees

The National Library of Wales is located next to Penglais Campus. The National Library of Wales 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 programme combines modules that are taught by specialists, with opportunities for work placements alongside professionals 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 opt 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.

Modules

Core modules that you will study on this course include:

- Datblygu Sgiliau Cyfieithu
- Cyfarpar Cyfieithu
- Portffolio Cyfieithu 1 (Cyffredinol)
- Cyfieithu ar Waith
- Portffolio Cyfieithu 2 (Arbenigol)
- 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
- Cyfieithu ar y Pryd: arfer ac ymarfer
- Polisi a Chynllunio Iaith yng Nghymru
- 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 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.

Modules

Core modules that you may study on this course include:

- 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
- Reading Early Modern Gaelic Prose Texts
- 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
- Post Medieval Palaeography and Diplomatic.

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

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:** A good 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:** 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 182.

Key facts

- **Degree type:** MA
- **Course code:** Q506
- **Duration:** 1 year (full-time) or 2 years (part-time)
- **Entry requirements:** A good 2:2 Bachelors (Honours) degree, or equivalent with satisfactory portfolio. 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 182.

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 Programme (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.**

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, 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: Carneddog and his contemporaries
- 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
- classical and early modern Irish language and literature.

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 *Planet* magazine; and broadcasting studios, including the BBC.

How to apply

You should apply for our postgraduate courses online:

www.aber.ac.uk/en/postgrad/apply

For further advice on the application process, please contact the Postgraduate Admissions Office (**pg-admissions@aber.ac.uk** or +44 (0) 1970 622270).

Applying for a taught course

Applications for taught Masters courses should be made via our online Postgraduate Admissions Portal. Here you can provide us with your personal details, select your chosen course(s) and upload documents in support of your application.

Applying for a research degree

Applications for research courses should also be made via our online Postgraduate Admissions Portal. If you are applying for a research degree (MPhil/PhD/ DProf/ LLM by Research) you should first check the research interests of your chosen academic department to see if we can offer you the necessary expert supervision in your chosen area of specialisation.

Most applicants (except Mathematics and Physics) will need to prepare a research proposal (1,000 – 1,500 words) to outline the research project they would like to undertake. You will also need to submit a full application with all supporting documentation, along with your research proposal and information on how you intend to fund your research degree.

Applying for a PGCE course

Applications for PGCE courses should be made via UCAS's Teacher Training website: **www.ucas.com/ postgraduate/teacher-training/ucas-teacher-training-apply-and-track**

You will find helpful information on the application process on the UCAS website and you will also be able to track the progress of your application.

When to apply

You should apply as early as possible before the start of your course. Research applicants should generally apply before the end of January to be considered for a funded place. If you are applying for a scholarship you should ensure you submit your application before the specified closing date. If you intend to bring your family you should generally apply before the end of February. Distance learning application deadlines are usually two months prior to the course start dates.

Supporting documentation

In addition to the information required in your application, you will need to attach copies of the following documents to your application:

- university degree certificates and transcripts in relation to any relevant previous study
- a personal statement relating to the course that you are applying for
- reference(s)
- Curriculum Vitae (particularly important if you wish to be considered on the basis of your previous relevant work experience)
- a portfolio of your artistic works and examples of your recent written work (applicants for courses at the School of Art only)
- a sample of your recent written work (applicants for courses at the Department of English and Creative Writing only)
- a full research proposal (applicants for MPhil/PhD/ DProf/DAg/LLM by Research courses only) (1,000 - 1,500 words)
- evidence of English language proficiency at the required level for your chosen course (EU/ international applicants only)*
- Non-EEA students who need to apply for a student visa must also provide a copy of their passport (and if they are studying/have previously studied in the UK, a copy of their current/previous Entry Clearance (visa))

* You may submit an application before you receive your results.

You are welcome to apply for postgraduate study at Aberystwyth University before you have completed your current studies, or if you have already completed your qualification(s), before you have received your final degree certificate(s)/transcript(s). You can submit your application before references have been received and EU/international applicants can also apply before securing evidence of their current English language proficiency.

If you do this, and the university decides to make you an offer for a place to study with us, then submission of additional documents, or the relevant evidence of your successful completion and the award of your qualification(s) and/or evidence of your current English language proficiency, at the required level to meet the academic entry requirement for your chosen course, will be condition(s) of the offer made to you. You will need to submit the relevant documentation/evidence to meet the academic condition of your offer before you can complete the admissions process.

References

Applicants for **taught courses** are asked to supply one reference in relation to their application. In most cases, this will be an academic reference but in some cases, where applicants have an established career, then this could be a work-based reference. Applicants for taught Masters courses cannot ususally be admitted to the University unless they have provided a satisfactory reference.

Applicants for **research programmes** (PhD, MPhil, DProf, DAg or LLM by Research) should provide two academic references with their application. You should provide academic references from professors or lecturers at your current/previous university. If you do not provide satisfactory references, then we may not be able to offer you a place for study with us.

References should be specific to the programme of study for which you are making an application.

We accept sealed references, scanned versions on letterhead, or emails sent direct from the referee (using their official university or business email account) to **pg-admissions@aber.ac.uk**. You can also upload scanned references when making your online application. Please keep a copy of the original document for your records.

After you apply

Once you have submitted your application, it will be reviewed by relevant staff at Aberystwyth University. We aim to provide decisions in relation to applications for taught Masters courses within 2 weeks of receiving a full application. Decisions in relation to research programmes are usually received within 6 weeks of the submissions of a full application. Please note that applicants for postgraduate research programmes must be interviewed, either in person or via an online video-conferencing platform, before they can be offered a place.

Successful applicants will receive a conditional offer letter which details the start date, tuition fee, and the conditions that must be met before they can complete the admissions process and register for the course.

Please respond to your conditional offer within 6 weeks, or by the respond-by day noted in the offer. Do not worry if you cannot meet all the conditions in your offer by this date; at this stage we simply need to know whether you

intend to take up your place. You will however, need to submit all the relevant documentation and evidence to meet all the conditions outlined in your offer before you can complete the admissions process and register as a student at Aberystwyth University.

If, for personal reasons, you are unable to take up your place, or you are unable to meet the conditions of your offer by the registration date, you may request to defer your place until a later available entry date (up to a maximum of two calendar years from your initial application).

Information for international applicants

Once all the conditions of your offer for full-time study have been met, you will be issued with a Confirmation of Acceptance for Studies (CAS) letter to enable you to apply for a Tier 4 student visa to enter the United Kingdom. Further information about the Tier 4 visa process can be found at: **www.gov.uk/tier-4-general-visa**

Guidance is also provided by our International Student Advisor: **www.aber.ac.uk/en/international/ visa-immigration-compliance/visas-support-advice/**

It is your responsibility to apply for your student visa at the relevant UK Visa Application Centre (**www. vfsglobal.co.uk/en/lk/vacs**). Students who are already in the UK must submit their Tier 4 visa application to study at Aberystwyth before registering with us. Please be aware of visa processing times: **www.gov.uk/visa-processing-times**

Non-EEA students may also require Academic Technology Approval Scheme (ATAS) clearance for research programmes (PhD or MPhil) in certain science subjects. If this applies to you, information relevant to the ATAS application will be provided in your offer letter. Please see **www.aber.ac.uk/en/postgrad/apply/atas** for further information. You should apply for your ATAS clearance approximately 3 months before your proposed start date. Therefore, if you are applying for a course which requires ATAS clearance you should aim to apply for your place to study with us 4-6 months in advance of the proposed start date.

Additional costs and restrictions on study outside Aberystwyth

Please note that there may be additional costs associated with some courses that are not covered by the tuition fees. For example, students choosing to embark on extensive fieldwork away from Aberystwyth as part of their dissertation projects would be responsible for meeting the costs of research themselves.

Please also be aware that there may be restrictions in relation to scholarship(s) or loan(s) held (such as US Federal Direct Loans) and/or Tier4 Visa restrictions which may prevent any study from being taken outside of Aberystwyth.

Information for international students

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 130 different countries.

'Kicking the bar' is a long-standing tradition of the town. It is believed that 'kicking the bar' will result in good health or success.

Global reputation

Aberystwyth University's reputation as best in the UK for both Teaching Quality and Student Satisfaction is globally recognised. Our long and distinguished history of cutting-edge research has enabled us to establish many high-profile relationships with other universities and organisations around the world. Combined, this makes our international students some of the most employable around.

International Accommodation Award

Aberystwyth University is fortunate enough to have a large campus with plenty of space and facilities. Consequently, we can offer all international fee-paying students the option of University accommodation at no extra cost, or with a £2,000 reduction. This is available for every year of your studies and is equivalent to a scholarship of nearly £4,000 each year.

For more information see:
www.aber.ac.uk/international/fees-scholarships

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.

For more information see:
www.aber.ac.uk/sscs/visa-support-advice

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/international/countries

English language requirements and support

Through our International English Centre, Aberystwyth University excels in supporting English language ability among its international students.

You will find the English language requirements for each of our degree programmes listed under the programme title. These are usually around IELTS 6.0 but we also recognise equivalent grades in:

- IELTS Indicator Test
- TOEFL (iBT and iBT Special Home Edition)
- Cambridge
- Pearson Test of English Academic
- Trinity Integrated Skills Test
- City & Guilds International ESOL Diploma
- IGCSE
- A/S Level English Language
- GCSE English Language
- International Baccalaureate English Language

We also recognise a number of country-specific English qualifications. For these, please see:
www.aber.ac.uk/international/countries

Alternatively, you can complete one of our Pre-sessional Language Courses (6, 12, 30 or 42 weeks) or the Business pre-masters, if you are going onto an Aberystwyth Business School Masters degree.

For more information see page 182 or
www.aber.ac.uk/international-english/courses

How to apply

International students can apply directly to the university by finding their chosen course on the website and clicking "Apply Now".

Language support

Our International English Centre can support you before your degree and during your studies, and help you meet the entry requirements for a postgraduate degree.

Support for postgraduate students includes:

- writing and communication modules
- weekly seminars on writing and information skills
- one-to-one writing and language advice sessions.

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 aberinternational

aberinternational

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 in to Aberystwyth University and make friends so 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.

Pre-sessional dates and fees:

Course	Dates	Fee (Tuition & Accommodation)*
6-week Course	8 Aug 2022 - 16 Sept 2022	£1,900
12-week Course	27 Jun 2022 - 16 Sept 2022	£3,500
30-week Course (A)	27 Sept 2021 - 3 Jun 2022	£8,450
30-week Course (B)	10 Jan 2022 - 16 Sept 2022	£8,450
42-week Course	27 Sept 2021 - 16 Sept 2022	£11,750

*Provided you choose to live on campus with the International Accommodation Award option, there is no additional cost for your accommodation.

Keon Kang

South Korea

Lovely teachers and a lovely place! My English has really improved and coming to Aberystwyth has been a turning point in my life.

Rehab Elkarkary

Egypt

My English course was motivating, challenging and well-organised. The teachers are fantastic and really understand our needs.

International Foundation Certificate

The International Foundation Certificate is designed for students who have completed high school in their own country but do not have the qualifications to begin a British degree. If you studied in a country with a 12-year education system, you will probably need to complete our International Foundation Certificate before progressing to your Aberystwyth degree programme.

On the International Foundation Certificate you will study English language, academic modules and UK study skills in a friendly and supportive environment. Successful completion of the course guarantees progression to your chosen degree.

There are three options for the International Foundation Certificate:

- 30 weeks starting in September
- 30 weeks starting in January
- 15 week fast-track starting in January.

The course is taught at the heart of the campus in collaboration with your future department and offers five pathways:

- International Foundation Pathway into Business
- International Foundation Pathway into Computer Science
- International Foundation Pathway into International Relations
- International Foundation Pathway into Law and Criminology
- International Foundation Pathway into Theatre, Film and Television.

These pathways are also accepted for entry onto other degrees including Art History, Education, English and Creative Writing, History, Psychology, Sociology, Sport and Exercise Science.

Entry requirements:

- Age 17+
- Successful completion of high school.

English language requirements vary depending on your chosen pathway and start date.

Course	Minimum IELTS for UKVI for entry: Computer Science / Business Pathways	Minimum IELTS for UKVI for entry: All Other Pathways
30-week course (Sept - Jun)	4.5 (with no score below 4.0)	4.5 (with no score below 4.5)
30-week course (Jan - Sept)	4.5 (with no score below 4.5)	5.0 (with no score below 4.5)
15-week Fast-Track Course (Jan - Jun)	5.0 (with no more than 1 score below 5.0, and no score below 4.5)	5.5 (with no more than 1 score below 5.5, and no score below 5.0)

International Foundation Certificate dates and fees:

Course	Date	Fee (Tuition & Accommodation)*
30-week Course: Sept	27 Sept 2021 - 3 Jun 2022	£13,600
30-week Course: Jan	10 Jan 2022 - 16 Sept 2022	£13,600
15-week Fast-Track Course	31 Jan 2022 - 3 Jun 2022	£8,150

*Provided you choose to live on campus with the International Accommodation Award option, there is no additional cost for your accommodation.

Fees and finance

Whether you are intending to fund your postgraduate studies yourself, or receive financial support from funding bodies, it is important that you understand your financial situation, what our fees are and what support is available to you.

You should consider applying for scholarships and grants up to a year in advance. Applications for research funding are usually made in early spring. The full portfolio of funding which may be available to you can be seen on our website at **www.aber.ac.uk/en/postgrad/fees-finance/** Our online Funding and Scholarship Calculator (**www.aber.ac.uk/en/postgrad/fees-finance/calculator/**) may also help you establish which funds you might be eligible for.

Our fees

Your tuition fee is determined by a combination of factors including which course you intend to study, and where you live. You will be classified as either a 'Home' (UK) or an 'International' applicant. If you are unsure which category you fall into, visit the fees and finance section of this website: **www.ukcisa.org.uk**

Tuition Fees 2022/23

Taught Masters Programmes	UK domiciled students		International students	
Subject	Full-time	Part-time	Full-time	Part-time
Arts and Social Sciences	£7,650	£3,825	£15,500	£7,750
Master of Business Administration (MBA)	£13,250	£6,625	£16,800	£8,400
Sciences	£8,700	£4,350	£16,700	£8,350

PGCE Courses	UK domiciled students		International students	
Subject	Full-time	Part-time	Full-time	Part-time
PGCE (Teacher Training) courses	£9,000	n/a	£14,280	n/a

Research Programmes	UK domiciled students		International students	
Subject	Full-time	Part-time	Full-time	Part-time
Arts and Social Sciences (MPhil, LLM by Research, PhD, DProf)	£4,407*	£2,203.50*	£15,600	£7,800
Sciences (MPhil, PhD, DProf)	£4,407*	£2,203.50*	£16,800	£8,400

* Currently under review.

Distance Learning Tuition Fees

Please note that Distance Learning tuition fees are subject to annual increase. A one-off Registration Fee may also apply.

Subject	Estimated cost assuming 3-year completion
Advanced Media Production Masters (multi-disciplinary between Departments of Computer Science; Theatre, Film and Television Studies)	£1,155* (ESF subsidised tuition fee)
Biology, Environmental and Rural Sciences	£6,300 (MSc) £6,150 (MRes)
Information Studies Masters	£8,805
Law Masters	£9,450

*Please note that tuition fees for the Advanced Media Production Masters course are subsidised by the European Social Fund (ESF) through the Welsh Government until 2023. Applicants for this course must meet ESF eligibility criteria. Please contact **ccu-amp@aber.ac.uk** for further information

Subject	Estimated cost assuming 5-year completion
Biology, Environmental and Rural Sciences DAg	£10,050

Additional Costs

Your course may include field trips, activities or other incidental costs that are not included in your tuition fees.

You should therefore note the need to budget for these activities. Details of the courses that have additional charges are included below. This list is correct at the time of going to press. For further information, check with your department or visit our website.

Biological, Environmental and Rural Sciences

Course	Course code	Nature of activity	Approx. cost
Some research projects in agricultural or biological science		In some cases, it may be necessary to charge supplementary fees for research involving large animals or significant amounts of consumable reagents. Applicants will be advised of any such charges at the offer stage.	Up to maximum of £7,500 per annum

Computer Science

Course	Course code	Nature of activity	Approx. cost
MSc Advanced Computer Science (with integrated year in industry)	G498	Tuition fee for industrial placement year	£1,800

Information Studies

Course	Course code	Nature of activity	Approx. cost
MA Digital Information and Media Management	P124	Visit archive and library organisations in London. Travel and accommodation arrangements are left to the student.	c. £600
MA Archives and Records Management	P192		
MA Information and Library Studies	P194		

Accommodation
Your next home

Free Sports Centre Platinum membership.

Guaranteed accommodation.*

At Aberystwyth we offer a variety of styles and locations to find the space that works for you, with the majority of our residences being only a short walk away from campus.

Each residence has its own distinctive character, offering you a safe and secure environment in which to socialise, study and relax. Whilst living in our accommodation, there is no need to worry about fluctuating bills as the accommodation fees include utilities, internet connection including wifi and a high level of personal contents insurance.

We offer a wide range of self-catered accommodation with either en-suite rooms, or with shared facilities along with our self-contained studios, with prices ranging from approximately £85 - £170 per week*. We also have dedicated catered accommodation available for students who are Welsh speakers or learners who would like to live in a Welsh speaking environment.

As soon as you arrive our Residences team will welcome you into your new home and our campus community.

Applying for accommodation

Once you have fulfilled the conditions of your academic offer we will send you an invitation to apply for accommodation both by e-mail and post. We advise that you complete your application as soon as possible, as we offer accommodation on a 'first-come, first-served' basis.

Please note that the listed accommodation options are subject to change for future academic years. Further information and updates are available at **www.aber.ac.uk/accommodation.**

Key

- Catered
- Shower en-suite
- Laundry Rooms
- Dedicated Welsh Residences
- Social and Study Areas
- Wifi
- **P** Parking

*To qualify you must ensure that your application is received by the 1st of September in the year of entry and that you respond to the offer of accommodation by the date given in the Accommodation Offer. Please note that a place in University-owned or managed accommodation is guaranteed, but not a specific type of room or location. In addition, the listed accommodation options and fees are for academic year 2021/22, but are subject to change for future academic years, as we continue improving our Estate. Please see our website for up-to-date information: **www.aber.ac.uk/accommodation.**

Self-catered

Rosser G

- single en-suite rooms, in flats of up to 10 students
- shared communal facilities
- use of The Lounge @ Rosser
- on Penglais Campus
- £130.04 per week (50 weeks)*

Fferm Penglais

- single en-suite rooms (with double beds), in flats of 6-8 students with shared kitchen/living area
- on site shop and café, with social and study areas
- 5 minutes' walk from Penglais Campus
- dedicated area for Welsh speakers and learners
- single self-contained studios also avaialble
- £142.50 per week (40 weeks)*- ensuite room
- £149.88 per week (40 weeks)*- studio

The Lounge @Rosser.

Self-catered
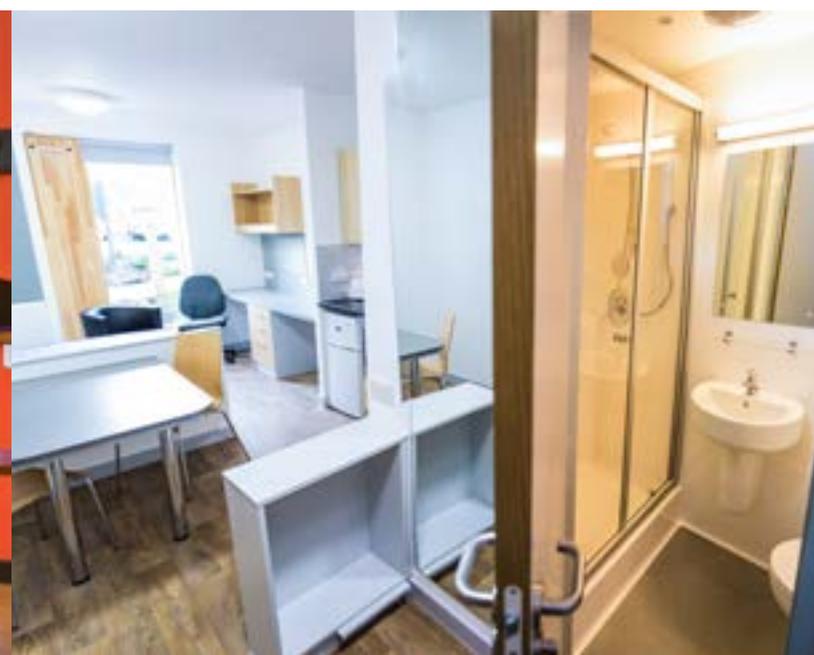
Catered
(Welsh-medium)

Cwrt Mawr

- single rooms, in flats of 6-10 students
- shared communal facilities (bathroom and kitchen areas)
- use of The Lounge @Rosser
- located on Penglais Campus
- £85.40-£95.41 per week (39 weeks)*

Pantycelyn

- recently refurbished
- single, en-suite rooms
- catered residence for Welsh speakers and learners with communal dining room, common rooms, study and social spaces
- within walking distance of campus and town
- £170.78 per week (33 weeks)*

Pentre Jane Morgan

- single rooms, in houses of 5 or 6 students
- shared communal facilities (bathroom and kitchen areas)
- use of The Lounge @PJM
- 5 minutes' walk from Penglais Campus
- £107.30 per week (39 weeks)*

Life on campus

Aberystwyth University's campus has everything that you need on your doorstep, including the most important services and facilities gathered together at the centre of campus. 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 and the National Library of Wales (a copyright library) adjacent to campus.

The IBERS building on Penglais Campus is the home of the Institute of Biological, Environmental and Rural Sciences (IBERS), and it includes a café. Next door is the Edward Llwyd building which houses laboratories and teaching rooms.
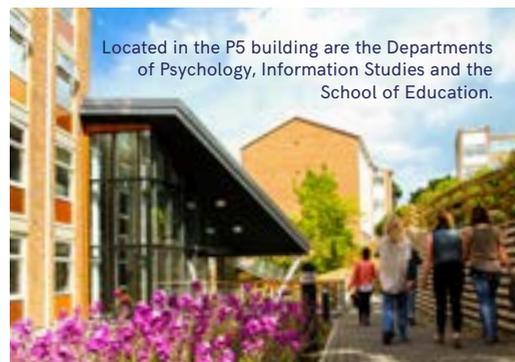
Located in the P5 building are the Departments of Psychology, Information Studies and the School of Education.
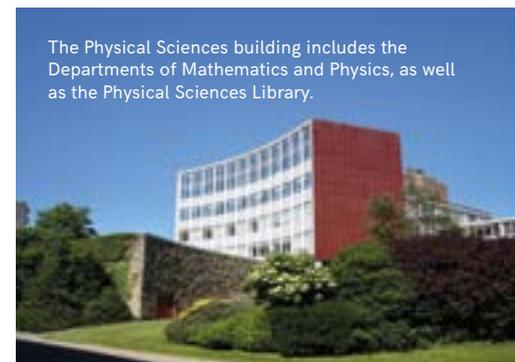
The Physical Sciences building includes the Departments of Mathematics and Physics, as well as the Physical Sciences Library.
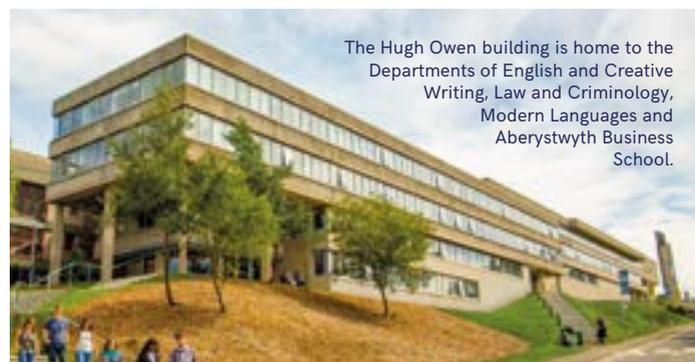
The Hugh Owen building is home to the Departments of English and Creative Writing, Law and Criminology, Modern Languages and Aberystwyth Business School.

The International Politics building houses the Departments of International Politics and History & Welsh History.


The School of Art building, located in the town, is a short walk from Penglais Campus.

The Llandinam building includes the Departments of Geography and Earth Sciences and Computer Science.

The Parry-Williams building houses the Departments of Welsh and Celtic Studies and Theatre, Film and Television Studies.
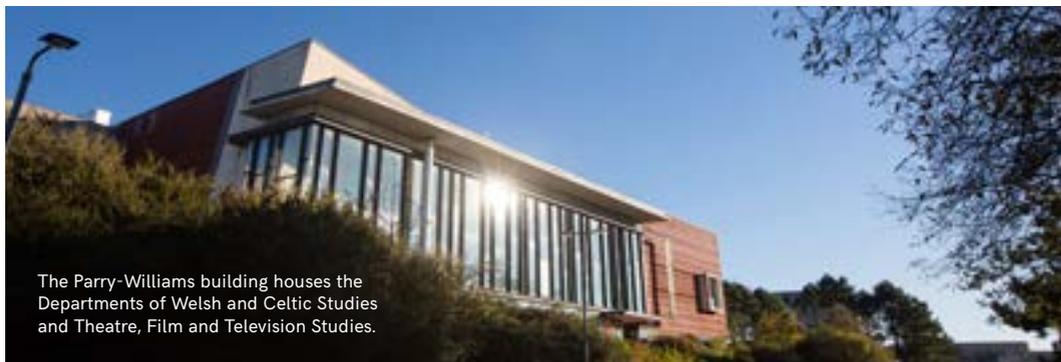
Study spaces

Across the campus, there are a number of study spaces including two university libraries. We also have several student lounges with computers, vending machines and spaces for group and individual studying, as well as more informal seating, creating comfortable communal study areas.

Hugh Owen Library

Located on Penglais Campus, during term-time, the Hugh Owen Library is open 24/7. The Hugh Owen Library has recently undergone a substantial refurbishment project to ensure that you have modern, dynamic study and reading spaces.

Physical Sciences Library

Situated on the fourth floor of the Physical Sciences Building, this library houses materials for the study of mathematics, physics and computer science.

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.

IT Services

Within the Hugh Owen Library, you can seek advice relating to IT at the 24-hour customer service desk. The trained staff can offer you support on software or hardware issues or you can make use of the laptop loans scheme. There is also 24/7 access to computers, high-speed colour printers and scanners. These are located in the Hugh Owen Library.

Free wifi is available across campus and in your university-managed halls of residences.

E-learning

Our Blackboard virtual learning environment gives you access to your course materials anywhere and anytime. Across campus we have around 800 computers available to use in libraries and dedicated computer rooms, some of which are available 24 hours a day.

The refurbished study suite, Iris De Freitas, located in the Hugh Owen Library.

The Postgraduate Centre

Students' Union

We want Aberystwyth students to love student life and be ready for anything. Led by students and supported by a team of staff, Aberystwyth Students' Union works to ensure that our students have an epic student journey, are happy, healthy and empowered, with lasting friendships and promising futures.

We are committed to:

- preparing students for their next adventure
- always giving students the last word
- helping students to be as happy and healthy as possible
- growing together with students as an Aber family.

These promises are fulfilled by providing students with a range of benefits and opportunities to get involved in, including:

- helping students to meet new people, make friends and build communities
- 100 student sport clubs and societies - including the Postgraduate Students Association, academic societies and a chance to start your own group
- supporting, training and working with over 300 Academic Reps to have a positive impact for students at course level
- free, impartial, friendly and confidential advice
- a representative voice for all Aberystwyth University students
- opportunities for students to campaign on the issues they care about
- spaces to study, meet and socialise.

Our team also offers independent support and representation, whether academic, welfare or financial, for students who find they may need a little extra support while at University.

Sports facilities

Located on Penglais Campus, the Sports Centre offers a range of equipment and facilities to support your well-being. From the basics, including a gym, treadmills and a swimming pool (including a sauna), to the extras, including a female-only weight room.

If you don't fancy exercising on your own, you could always join one of the wide range of classes which include HIIT, Yoga, Pilates, Step and Tone, 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 rental fees. This gives you free and unlimited access to the gym, all fitness classes, the swimming pool and saunarium.

Sports and societies

The Students' Union is home to Team Aber, with competitive and non-competitive sports clubs for all abilities and over 100 clubs and societies, giving you the opportunity to find a new or exisiting hobby that interests you. If not, you can even set up your own society.

Arts
- Aber Photography Society
- Art Society
- Broad-Ways Theatre and Film
- Curtain Call
- Elizabethan Madrigal Singers
- Nomadic Players

Community
- Aber Pride
- Aberystwyth LINKS St John - Cymru Wales
- GradSoc (Graduate Society)
- Organic Food Co-op
- SSAGO (Scouts and Guides)
- VegSoc

Environmental
- Aberystwyth Sustainability Society
- Bee Conservation Society
- Conservation Volunteers (ACV)

Fundraising / Campaigning
- Aber Marrow
- Aber WWF
- Marie Curie
- Oxfam Society
- Student Minds Aberystwyth
- Tickled Pink

Department / course related
- AberCompSoc
- Aerospace Society
- Agriculture Society
- Biochemistry Society
- Criminology Society

- Crisis Games and Model UN Society
- Debating Society
- Education Society
- English and Creative Writing
- Geography Society
- Global Development Society
- History Society
- Interpol Society
- Law Society
- Marine Society
- Mathematics Society
- Physics and Astronomy Society
- Psychology Society
- Robotics
- Zoology Society

Gaming
- Card Society
- Chess Club
- Community of Gamers
- Kaotica Wargames
- Pokemon GO
- WARPSoc

Interests and beliefs
- Aber Car Enthusiasts
- Aber Dogs
- Aber Howl Society
- Aber Student Media
- AberPara (Aberystwyth Paranormal Society)
- Aberystwyth Beer Pong Society
- Aberystwyth Cartoon and Comic Society
- Anime
- British Film and Television Society
- Catholic
- Christian Union
- Fantasy and Science Fiction
- Feminist Society
- Foxes in Bathrobes

- Knit Soc
- Medieval Re-enactment Society
- Nightline
- Real Ale Society

Language and cultures
- AberBSL (British Sign Language)
- African Caribbean Society
- Erasmus and European Languages Society
- German Society
- Global Students Society
- Italian Society
- Malaysian Society
- Nordic Society
- UMCA

Music
- Abercoustic
- Kpop Society
- Roc Soc

Political
- Conservative Association
- Labour Students
- Student and Young Liberals
- Union and Liberty Society
- Yes Myfyrwyr

Sporting
- Aber Archers (archery)
- Aber Pool Club
- Aber Snow
- AberCycling
- Aerial Fitness (athletics)
- Aikido Club
- Airsoft
- Badminton
- Basketball
- Canoe and Kayaking
- Caving
- Clay Pigeon Shooting

- Cricket
- DanceSport
- Digs League Football
- Dodgeball
- Equestrian Club
- Expeditions
- Fencing
- Football
- Futsal
- Golf
- Gymnastics
- Harriers Athletics and Running Club
- Hand Ball
- Hiking Club
- Hockey Club
- Kalah System
- Karate
- Kickboxing
- Korfball
- Lacrosse
- Mountain Biking
- Mountaineering Club
- Netball
- Panthers Street Dance
- Rugby (league and union)
- Sailing
- Showdance
- Slacklinking
- Squash
- Student Rowing
- Sub Aqua
- Surf Club
- Swimming and Waterpolo
- Table Tennis
- Taekwondo
- Tarannau Aberystwyth American Football Club
- Tarannau Cheerleaders
- Tennis
- Triathlon Club
- Ultimate Frisbee
- Underwater Hockey (Octopush)
- Volleyball
- Wrestling Society
- Yoga Society

The Arts Centre

The Arts Centre is the perfect place to see a show, watch a film, enjoy some treats, buy your books and socialise with friends. There is something here for everyone whether it's a London West End show or the ballet on tour, the latest film releases, specialist films, a range of festivals, some of the biggest names in comedy, or the annual Christmas craft and gift fairs. In addition, our galleries regularly host exhibitions. Recently, the Arts Centre has been proud to welcome The Print Line works by Lucian Freud, David Hockney, Pablo Picasso, Bridget Riley and Rachel Whiteread to name a few.

Our award-winning Arts Centre on campus hosts performances from major national and international touring companies, as well as producing its own in-house productions. Performances are presented in the Centre's 1,200-seat concert hall, 300-seat theatre and in the more intimate studio, and there's a busy programme of screenings in the 120-seat cinema.

A full size rhinoceros by Stephanie Quayle for the Arts Centre's International Ceramics Festival, using heavily grogged sculptors' clay.

The Arts Centre comedy night.

Jack Savoretti.

Located behind the Arts Centre is a great open space for relaxing, socialising and studying.
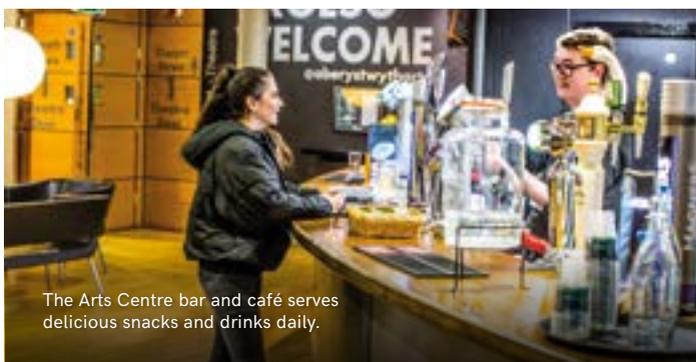
The Arts Centre bar and café serves delicious snacks and drinks daily.

The Arts Centre cinema.

The Arts Centre gallery hosts exhibitions throughout the year. Here, the Fractal Clock captures visitors' imaginations.


Music at Aberystwyth

The Music Centre is here for all students. Whatever you're studying, you can be part of a vibrant musical community in the heart of Aberystwyth. At this precise moment, music provision at the University is on the threshold of an innovative and exciting era as we appoint a new director to lead the provision forward in an inclusive, exploratory and community-focused way. Music provision at Aberystwyth brings town and gown together to work in varied ways as ensembles, orchestras, concert bands and choirs as well as in smaller, gatherings dedicated to particular instrument groups. 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 are also thrilled to be able to offer a range of Music Scholarships that provide the chance to practice a wide range of musical skills here at Aberystwyth and beyond. If you love music, in whatever form or fashion, we welcome you to enjoy it here with us at Aberystwyth.

The Music Centre's choir prepares major works for a concert with soloists and orchestras during the academic year. Recent concert highlights include Mozart's Requiem and Karl Jenkins's The Armed Man and Stabat Mater.

The Music Centre's symphony orchestra, Philomusica hosts an annual concert in the Arts Centre.

Inclusive Aberystwyth

At Aberystwyth we are proud of our close-knit community within the university and the town. Although we are relatively small, anything goes here. The student body includes a rich variety of people, cultures and beliefs.

Aberystwyth University is committed to a pro-active and inclusive approach to equality, which supports and encourages all under-represented groups, promotes an inclusive culture and diversity of values.

This commitment is underpinned by the University's Strategic Equality Plan 2020-2024 which emphasises our commitment to inclusivity:

" We believe that creating an inclusive environment means providing everyone, no matter who they are, with equal access to opportunities, and removing cultural barriers in the form of discrimination and intolerance. "

Professor Elizabeth Treasure, Vice-Chancellor.

Examples of equalities initiatives that we have successfully implemented include:

- the 'Red Box' project – providing free menstrual products across campus for staff and students
- 'All Our Trans Tomorrows' conference series – a project shortlisted for three awards and received national media coverage

- seven years of Aberration LGBT Arts Events in collaboration with the Arts Centre and the Arts Council of Wales, including a tour that visited Cardiff, Caernarfon, Llandudno and the National Eisteddfod
- the 'Diversifying Portraiture' project for International Women's Day, which was intended to be temporary but now is a permanent feature in the Visualisation Centre
- forums such as 'Is Our University Too White?', which led to staff and students being able to feed into executive level decision-making and strategy planning
- working across departments to create systems which allow staff and students to be known by 'known as name' by default, protecting staff and students from discriminatory treatment
- the creation of the 'Women in Research Network', now an integral feature of executive strategy
- the implementation of the Equality Champions Network
- staff BAME and LGBT networks.

As a student at Aberystwyth University, our inclusive and safe environment will give you a chance to try different things, make new friends but more importantly, be yourself.

LGBT

Aberystwyth University provides a supportive, inclusive and safe environment where you can embrace your individuality. AberPride student society arranges regular events, an annual last big event of the year, and weekly social nights. The University also has a LGBT staff network and is a Stonewall top 100 Employer.

Stonewall
TOP 100
EMPLOYERS
2019

Student support

While at University students have access to a range of support services. Working with you, these services can help you achieve solutions for most of the challenges you may face in student life.

Student Advice, Information and Money Service

The Student Advice, Information and Money Service provides 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, academic progress and University.

Accessibility Service

The University is committed to maintaining a community that is accessible for everyone and welcomes applications from a diverse range of students. The Accessibility Service provides support not only to disabled students and those with specific learning differences but also to care leavers and other unsupported students as well as supporting trans and non-binary students.

If you have an impairment or have any specific requirements, 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 students with a range of impairments including specific learning differences such as dyslexia and dyspraxia.

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

While our staff are professionally qualified and registered counsellors or mental health specialists, the Service does not replace statutory mental health services. Instead, 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 well-being 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 that offers one-to-one advice to help you settle down to 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

This independent listening service run by students, for students, provides a confidential helpline, email and instant messaging service: visit **www.nightline.aber. ac.uk** for more information.

Careers

Our careers consultants help you recognise the skills you already have and encourage you to make the most of the opportunities available to you at Aberystwyth. Following a postgraduate programme is about immersing yourself as fully as possible into the whole student experience and giving yourself the chance to be involved in a range of activities that will not so easily be available to you at any other time in the future.

While your academic studies are the priority for you, you also need to learn how to manage and balance your time effectively to allow yourself the chance to engage with extra-curricular activities.

The Careers Service is here to help you understand how you can make your postgraduate degree, and all the experiences open to you while studying at university, count towards your future career.

Our experienced and professionally qualified staff will help you:

- identify and source useful work experience options
- recognise the skills your university degree gives you that are valuable to employers
- plan your possible future career path(s)
- support you as you make applications to employers
- assess whether postgraduate study will suit you and help progress your career
- understand how to set up your own business and begin planning
- link with employers, alumni and professional bodies to progress your career plan.

Industry links

You will be offered plenty of opportunities to link with employers through webinars, careers fairs and within the curriculum. Here you may get the chance to work with employers on real-life problems that they encounter, giving you the chance to provide solutions for the workplace - a truly unique experience! We aim to provide all our degree programmes with links to employers, as well as giving you a chance to access activities with employers beyond your course. These include large multinationals such as PwC, IBM and Enterprise Rent-a-Car, national organisations like Network Rail, Teach First and Qinetiq, as well as public sector bodies, local government and the Civil Service.

Work experience

You will encounter a host of different work experience opportunities from casual part-time jobs on campus and across University departments to graduate level jobs with local organisations and beyond. In between these there will be opportunities to develop work-related experiences by acting as an Ambassador for your department, engaging in the running of clubs and societies and volunteering opportunities of all kinds.

Aberystwyth offers you a range of AberForward experiences too, putting further possibilities your way, plus a host of exchange and semester/year abroad options with partner Universities across the world. Get involved in as many of these as possible as these will definitely make you stand out from the crowd in the future as you develop you career plans, plus they will improve your understanding of your degree course and give you a far broader perspective on life.

We offer services online, on a one-to-one basis, and through webinars and events. We are here to help you with all aspects of your career journey and your future success.

Additional learning

Lifelong Learning courses are offered in addition to your degree and can be taken without interfering with your postgraduate timetable. Lifelong Learning deliver higher education accredited courses that are included in your academic student record.

At Aberystwyth you can make the most of these opportunities to enhance your skills and develop new interests that will make you all the more attractive to employers when you've finished your degree, and will put you one step ahead of the competition. For more information on the courses available, visit:

www.aber.ac.uk/en/lifelong-learning/courses

The subjects available are:

- Art and Design
- Ecology and Conservation
- Creative Writing and Literature
- Photography
- History, Genealogy and Archaeology
- Philosophy
- Psychology
- Modern Languages: Arabic, Chinese, French, German, Italian, Japanese, Russian and Spanish.

If you are a postgraduate student, a selection of our courses are offered to you free of charge. For more information, visit:

www.aber.ac.uk/en/lifelong-learning/freecourses

All other courses are available at a concessionary rate.

" Strong teaching environment, excellent teaching and much room for class discussion. "

Explore Aberystwyth

Aberystwyth is the perfect place to study, have fun and make friends for life. The town is only a short walk downhill from Penglais campus and it 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, drink and shop. Many independent businesses give the town a character of its own, unlike any other place in the UK. Aberystwyth has a diverse range of bars, pubs and nightclubs 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 going back more than 100 years.

Aberystwyth's three beautiful beaches are your playground. Take a refreshing dip in the sea, lie back and watch for dolphins, or make new friends around a campfire.

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.

The Old College, the original university building, sits on the promenade between the pier and the castle, dating back to the 12th century. To celebrate the University's 150th anniversary, the iconic Old College is being transformed into a major cultural and creative centre for Wales.

Be inspired at 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.

Aberystwyth sits in between the Cambrian Mountains and Cardigan Bay, giving you easy access to woodland treks, wild swims and coastal walks. However if you enjoy the outdoors, you won't have to travel far. The famous national parks of Snowdonia and Pembrokeshire are a short distance away too.

The Old College, the University's main building when it was established in 1872, and soon to be transformed into a vibrant heritage, cultural and enterprise centre.
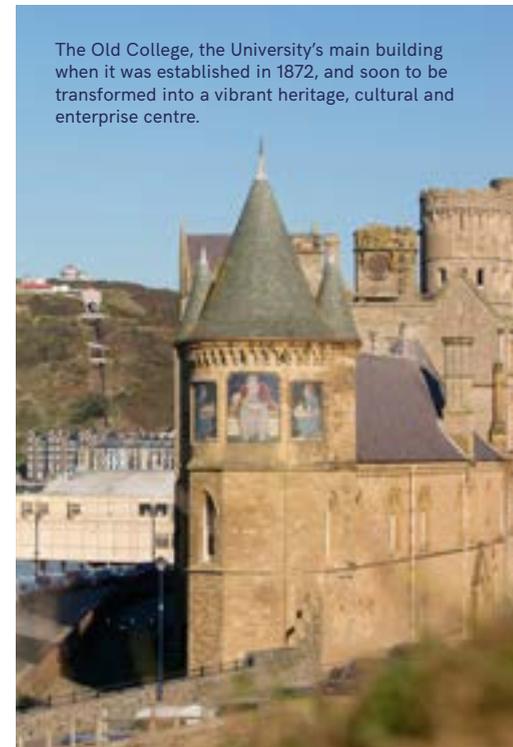
The National Library of Wales is situated next to the University's Penglais campus and is also home to the National Screen and Sound Archive of Wales.
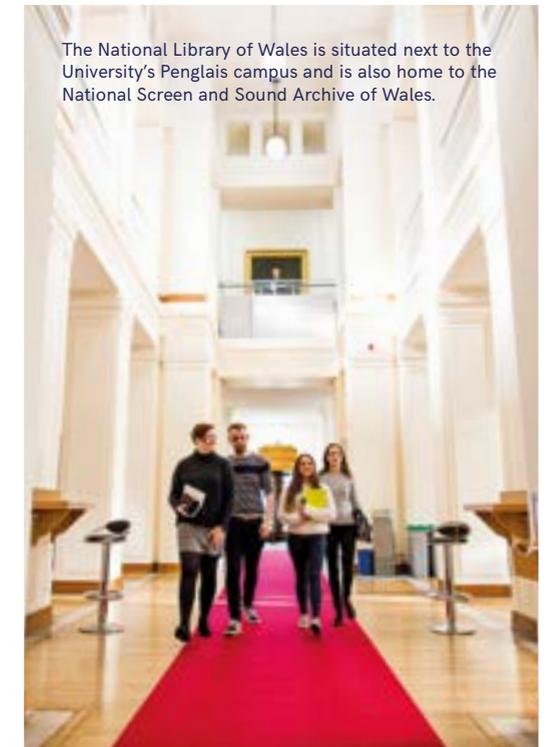
Approximately nine miles outside Aberystwyth are the famous Nant yr Arian mountain biking and walking trails and Red Kite feeding centre.

Visiting us

Students come from far and wide to Aberystwyth University – indeed, you'll meet students from all over the world here. The warm welcome which awaits you, and the superb facilities available, will make your visit worthwhile.

✈ = International airport
🚉 = Train station
⛴ = Ferry port

Aberdeen 🚉✈

🚉✈ Glasgow
Edinburgh 🚉✈

Newcastle upon Tyne 🚉✈

⛴✈ Belfast

⛴🚉✈ Liverpool

⛴✈ Dublin

Manchester 🚉✈
Birmingham 🚉✈

🚉 **Aberystwyth**

🚉✈ Cardiff

London 🚉✈

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 01970 621960 or e-mail **conferences@aber.ac.uk**

Alternatively there are hotels and guest houses in the local area. The local Tourist Information Office (tel: 01970 612125) can provide you with a list of addresses.

Index of courses

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 Postgraduate Admissions Office (01970) 622021.

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**) 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 (July 2021).

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