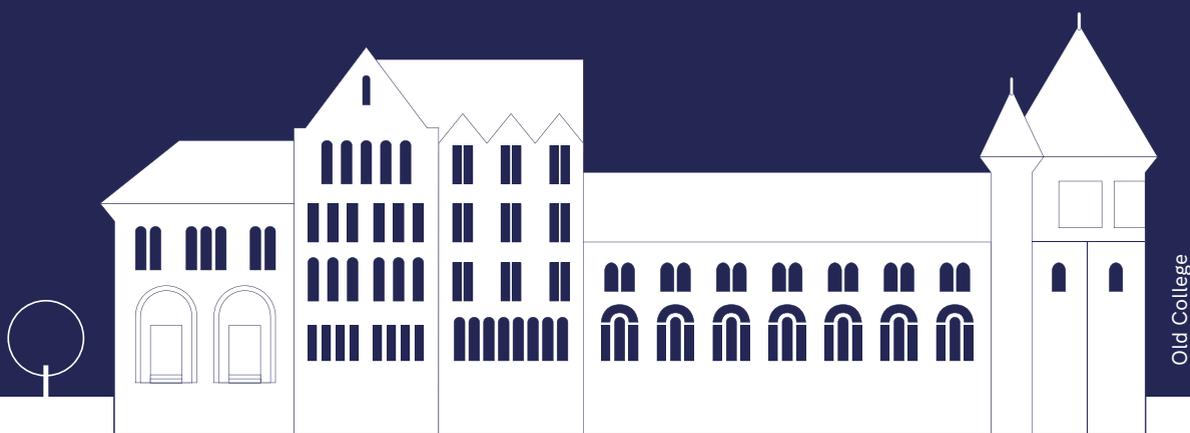


*This is*  
**your**  
*place*



Old College

**Undergraduate Prospectus 2021**

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### 2020 Open Days

Wednesday 8 July  
 Saturday 12 September  
 Saturday 10 October  
 Saturday 7 November

### 2020 Online Open Days

Tuesday 5 May  
 Wednesday 25 November

**Book your place on our  
 Open Days now.**

[www.aber.ac.uk/opendays](http://www.aber.ac.uk/opendays)



# Welcome

**Choosing a university is one of life's big decisions. It's a place where you can broaden your horizons, expand your knowledge and develop your thinking skills; a place that can set you firmly on the pathway to your future career and a place where you can make friends for life. So it's vitally important to choose the right university for you.**

As you consider your options, I want to make sure you have all the information you need about Aberystwyth. We're not just another university. We're a pretty special place to study. Please do come to visit us to experience a university known for its outstanding student experience. 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. We've been known for our innovative research and teaching ever since we were founded in 1872. We continue to build on our strengths and successes today, investing significantly to create learning and living environments that are fit for the demands and needs of the 21st century student.



Rooted in our community, Aberystwyth is a university which reaches out to the wider world. We are an inclusive university that, year-on-year, welcomes students from a broad range of education backgrounds. We're big enough to offer depth and breadth in our courses and to make an impact on the international stage - but we're still small enough to know our individual students. You won't be a faceless number here. You'll know your lecturers and they'll know you.

You'll also be living in a diverse and welcoming community, in a historic seaside market town, which has a rich, cosmopolitan Welsh culture. Once here, many of our students never want to leave. In fact, we have amongst the most satisfied students in the whole of the UK (NSS 2019).

At Aberystwyth, you'll be part of a campus university with an active Students' Union and more than 100 clubs and societies. We have our own Sports Centre with a swimming pool, gym, climbing wall, well-being and fitness classes. Our on-site Arts Centre is nationally significant with live performances, exhibitions, courses, cafés, and a boutique cinema. The National Library of Wales is just a stone's throw from campus where you'll find a copy of every book ever published in the UK.

We delight in our unique location. Set between the stunning coast of Cardigan Bay and the rugged Cambrian Mountains, Aberystwyth is an exceptional place. If you're looking for sea views and a choice of beaches, you won't have far to go and the great outdoors is right on your doorstep - for research, recreation and relaxation.

Pore over this prospectus, browse our website and come to visit the place for yourself so that you can talk to some of the staff who'll be teaching you, and hear from other students about their Aber experience. I do hope you decide that this University is the place for you and I look forward to seeing you in the future.

**Professor Elizabeth Treasure**

**Vice-Chancellor**



# Aberystwyth University:

## Penglais campus

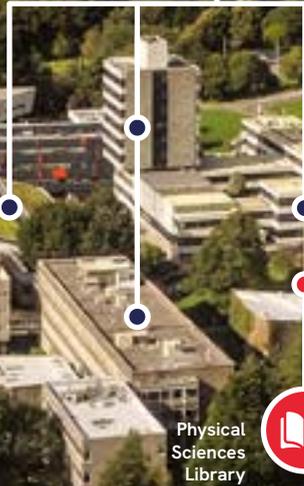


National Library of Wales

Academic facilities



Student accommodation



Physical Sciences Library



Hugh Owen Library



Academic facilities



Arts Centre



Students' Union

Academic facility



Sports Centre



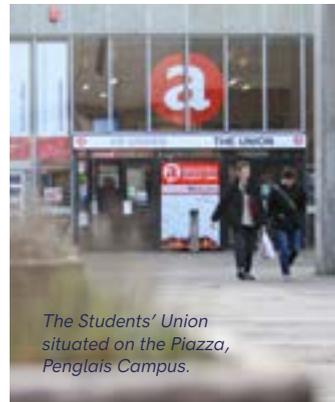
Please note that the School of Art is located within a 10 minute walk from Penglais Campus. The University's Llest Equine Centre is a 20 minute walk from Penglais Campus.



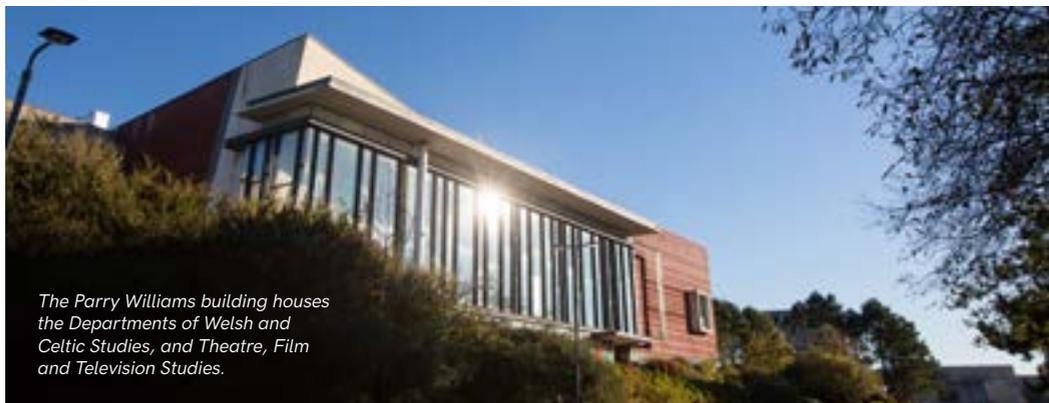
The new IBERS building on Penglais Campus is the administrative home of the Institute of Biological, Environmental and Rural Sciences (IBERS), and it includes a café. Next door is the Edward Llwyd building which houses laboratories and teaching rooms.



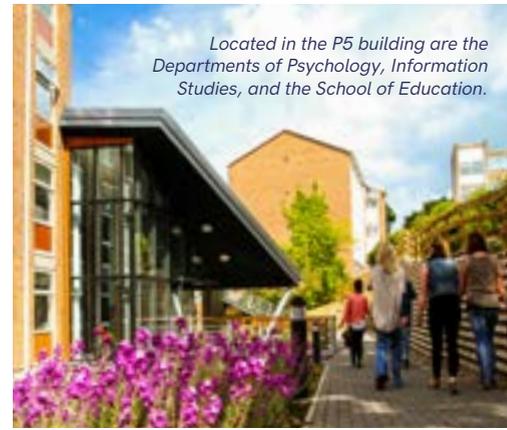
The International Politics building houses the Departments of International Politics and History & Welsh History .



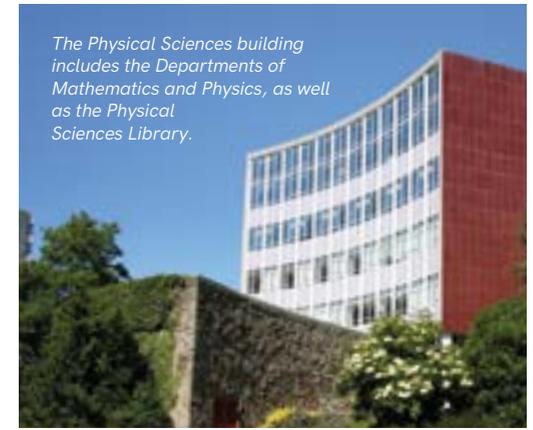
The Students' Union situated on the Piazza, Penglais Campus.



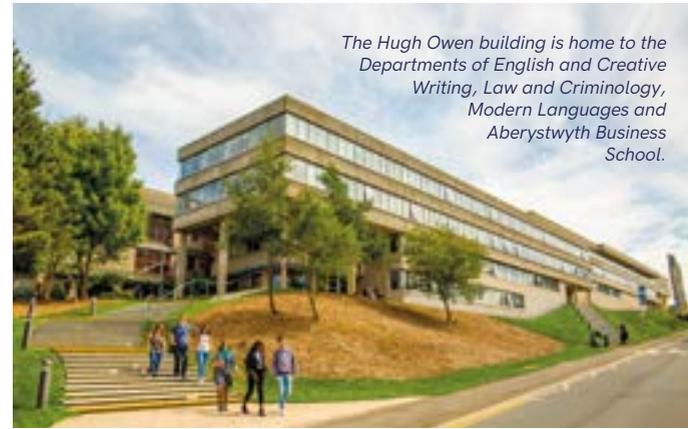
The Parry Williams building houses the Departments of Welsh and Celtic Studies, and Theatre, Film and Television Studies.



Located in the P5 building are the Departments of Psychology, Information Studies, and the School of Education.



The Physical Sciences building includes the Departments of Mathematics and Physics, as well as the Physical Sciences Library.



The Hugh Owen building is home to the Departments of English and Creative Writing, Law and Criminology, Modern Languages and Aberystwyth Business School.



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

# Research excellence



Our excellence in research seeks to address some of the greatest global challenges the world is facing. 95% of our submitted research was of an internationally recognised standard or higher in the latest Research Excellence Framework 2014.

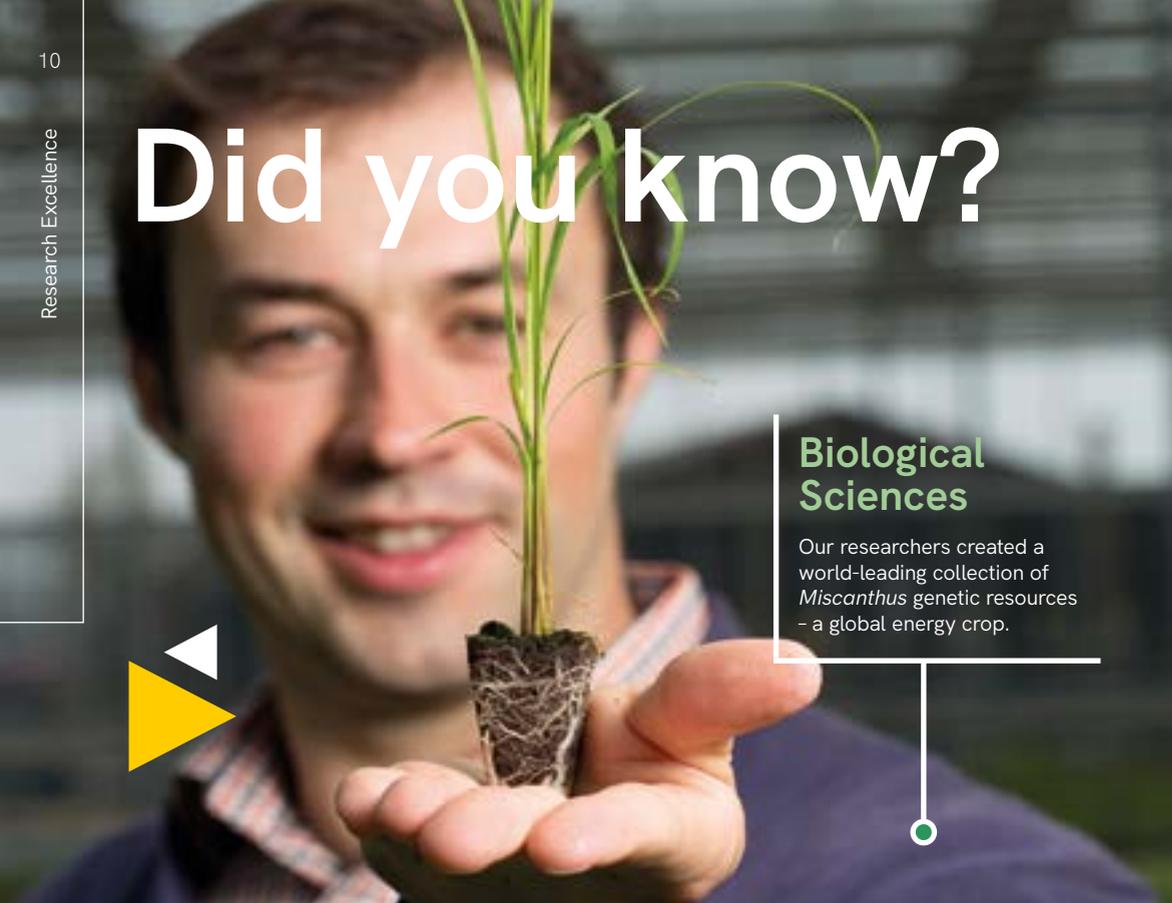
Aberystwyth has a diverse research portfolio. Our researchers are at the forefront of innovation and the impact of our research has far-reaching international, national and local benefits.



# Did you know?

## Biological Sciences

Our researchers created a world-leading collection of *Miscanthus* genetic resources – a global energy crop.



## Geography

Did you know that a glacier in the Antarctic is named after an Aberystwyth glaciologist? Maybe you've heard of it – the Glasser Glacier.



Image by Dr Bethan Davies

## Physics

Did you know that our Department of Physics is involved in every European Space Agency (ESA) planetary mission from the Sun to Saturn and as a result the Aberystwyth University logo will be the first piece of Welsh text to be in space.



## Art

Our researchers helped authenticate a painting thought to be an earlier version of Leonardo Da Vinci's, the Mona Lisa.



## Psychology and Computer Science

Scientists in both departments are studying the use of Virtual Reality to support reminiscing in healthy older adults. The hope is that in the future this type of reminiscing can help vulnerable adults to improve their wellbeing and maintain better cognition.

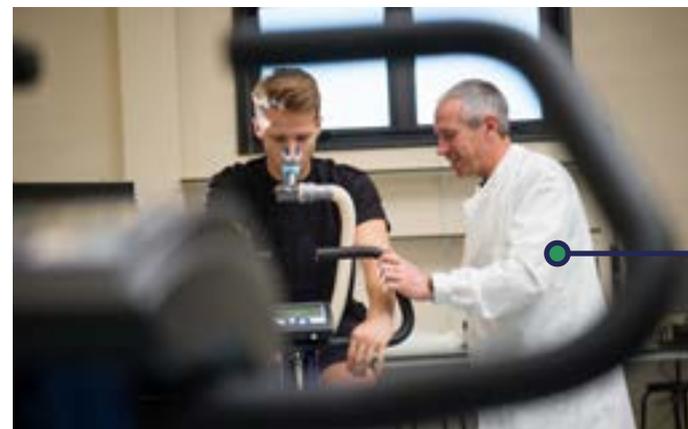


## Law

Did you know that the ground-breaking UK wide Dewis Choice Project, that supports people who suffer with domestic abuse is based in the Department of Law and Criminology?

## Modern Languages

Dr Andrea Hammel from the Department of Modern Languages is researching the experiences of refugees who came to Wales during the Second World War. This project is in collaboration with the Imperial War Museum and eight regional partners across the UK.



## Sport and Exercise Science

Our researchers developed a high-intensity warm-up regime used by elite Olympic athletes.

# Combating climate change

Our world-leading researchers, many of whom are also our lecturers, are actively involved in studying many aspects of climate change, both to help monitor its progress, and to establish how it is affecting our world.

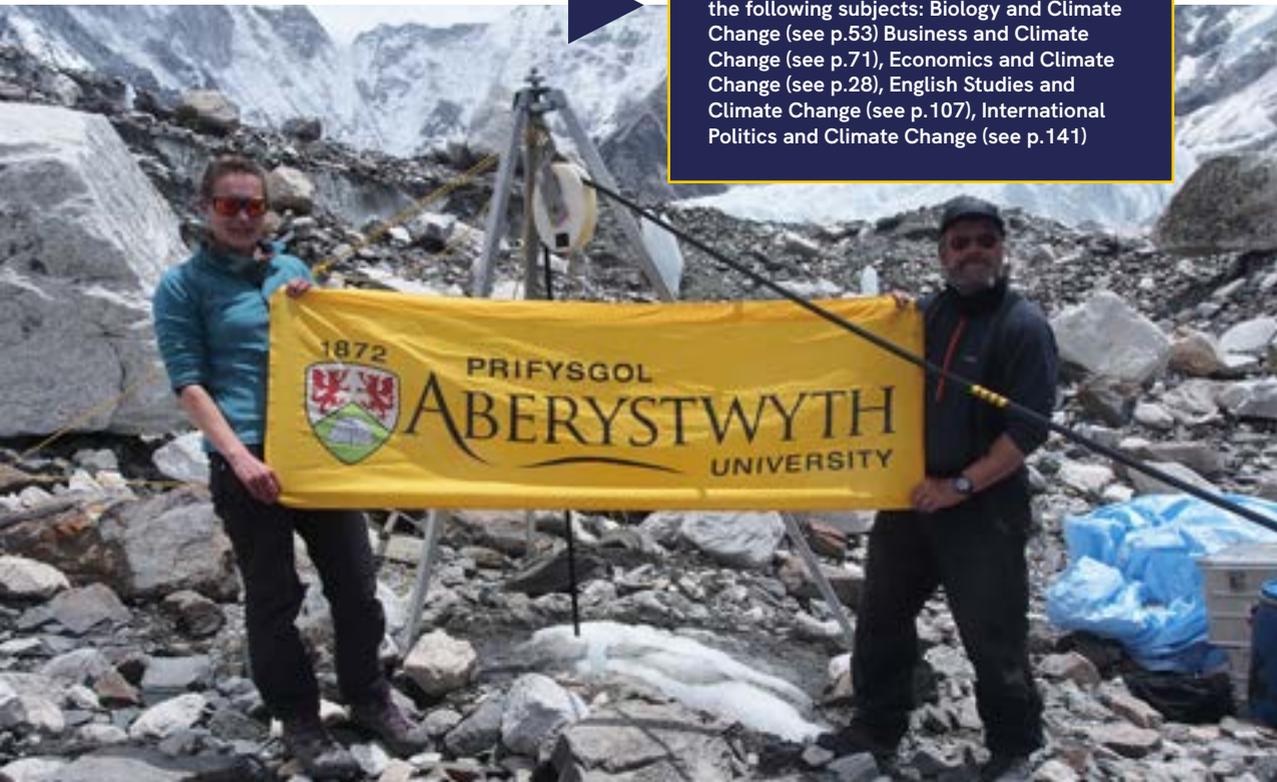
## Charting its progress

Our glaciologists, in collaboration with researchers in Kathmandu, Leeds and Sheffield universities have found that ice temperatures inside the world's highest glacier on the slopes of Mount Everest are warmer than expected.

In 2017, the EverDrill research project team, led by Aberystwyth scientists Katie Miles and Professor Bryn Hubbard from the Department of Geography and Earth Sciences, became the first ever to successfully drill to the base of Khumbu Glacier. Working at an altitude of roughly 5000 metres, the team drilled 150 metres down into the 17km-long glacier at three different

points, installing sensors to collect data on the glacier's internal temperature and its flow. The team was also the first to record temperatures below the seasonally affected surface layer of the glacier. Understanding what actually happens inside these glaciers is critical to developing computer models to help predict their response to anticipated climate change.

Aberystwyth University has introduced a suite of climate change courses that will equip you with the skills to understand and contribute to making the world a better place. You could study Climate Change with the following subjects: Biology and Climate Change (see p.53) Business and Climate Change (see p.71), Economics and Climate Change (see p.28), English Studies and Climate Change (see p.107), International Politics and Climate Change (see p.141)



## Assessing its effects on our marine life

Our marine biologists are measuring the effects of climate change on marine life, as sea temperatures change. Dr David Wilcockson from the Institute of Biological, Environmental and Rural Sciences (IBERS) is part of an international study into the impact of climate change on the Arctic Ocean's ecosystem. Working as part of the £16 million UK flagship research programme, Dr Wilcockson's studies focus on plankton - tiny marine animals that underpin the food chain in the oceans. By studying their daily migration Dr Wilcockson hopes to understand how the plankton might respond to climate changes and how other animals higher up the food chain, such as fish, seals and whales, may also be affected. His findings will be added to scientific models that are being developed to predict how the ecology of the Arctic Ocean is likely to change.

Our marine ecologists are also warning that the increasing frequency and duration of marine heatwaves poses a threat to the ecological balance of the seas. Research by Dr Pippa Moore and colleagues from across the globe shows that the annual incidence of marine heatwaves (where unusually high sea temperatures persist for five days or more at a time) rose by 54% between 1925 and 2016. Recent evidence demonstrates that marine heatwaves can have far-reaching ecological impacts, leading to species range shifts, impacts on fisheries and political tensions; and our researchers believe that we'll face more of these in the future.



Dr Moore is also studying the effects of climate change (amongst other impacts) on kelp forests, which cover 25% of the global ocean. Kelp forests not only provide a biodiversity-rich home for many plants and animals, including species of commercial importance, but they also provide natural shoreline protection, buffering the effects of the waves on our land. The hope is that this research for these studies will inform better management of our kelp forests in the future.



## Assessing its effects on UK milk production

The unusually hot summer of 2018 proved challenging for farmers across the UK. Among other things, the scorching weather and lack of rain damaged crops and the grass used to feed farm animals. The high ambient temperatures and humidity experienced during the summer, as well as extreme weather conditions such as flooding, are a significant challenge to the future of farming.

Scientists from our Institute of Biological, Environmental and Rural Sciences (IBERS) in a recent study looked at how climate change might impact UK milk production, with the aim of quantifying the effects of heat stress on future milk production. Their work enabled them to predict future milk production loss for the hottest regions of the UK, the economic impact on the region and the UK milk industry and identified some solutions to reduce the effects of heat stress on dairy cows in the UK. Armed with these figures, farmers can begin to plan for a hotter UK using cheaper, longer-term options.

# Looking after our health and planet



## Transforming bi-products to address global health challenges

A new collaborative research project between the UK and India led by Aberystwyth University, aims to transform waste streams from the Indian sugarcane industry into a range of valuable new products that can address tooth decay, obesity and diabetes. The Bioreview project will develop innovative, economically viable, industrial bio-technology processes that will create value added products from sugarcane waste. It has been predicted that products worth over £12bn could be produced from the waste, and that xylitol, a diabetic compatible sweetener that prevents tooth decay, to be produced from bagasse could be worth £1bn by 2025.

## Reducing nitrogen pollution from dairy production

Aberystwyth scientists are also leading a new international research project to find ways of reducing nitrogen pollution from dairy production. Scientifically, we know how we can reduce pollution from dairy production, although relatively few strategies have been converted into agricultural practice because of the lack of research linking through to on-farm application by the dairy industry. The *CowficieNcy* project is addressing this by providing tools that can help the dairy industry shift towards more efficient and less polluting methods.

## Leading international biodiversity research

Professor Mike Christie from the Aberystwyth Business School co-led a study on biodiversity loss for the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) – made up of over 130 United Nations Member States.

The study looked at how economic growth across Europe and Central Asia has contributed to biodiversity loss, which in turn seriously threatens people's quality of life. According to research work undertaken, the populations of 42% of known terrestrial animal and plant species and 26% of known marine species in Europe and Central Asia have declined over the last decade. The continuing decline in biodiversity has had negative consequences for the delivery of the many benefits that nature contributes to people's well-being, including pollination of crops, the regulation of freshwater quality, flood prevention, soil formation and the regulation of climates. The evidence in this report will help these countries to make more informed decisions on ways in which they can manage their precious natural resources to develop their economies and improve people's quality of life.

## Working to prevent tropical diseases

A parasitologist at Aberystwyth University is one of a worldwide team of researchers that 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 in flukes, been able to apply genome editing to knockout an important schistosome gene product involved in human disease. Applying this technology to other schistosome genes or flukes will revolutionise our ability to develop new and urgently-needed control strategies.

## Producing cost-effective Alzheimer's treatment

An Innovate UK-funded project led by scientists at our Pwllpeiran Upland Research Centre is testing a novel approach to producing galanthamine – a pharmaceutical compound used to treat Alzheimer's disease. Producing the compound chemically is a difficult and expensive process; however it can also be created from an alkaloid extracted from certain plants in a much more cost-effective way, but supplies are limited. Daffodils are the only economically feasible plant source suitable for cultivation in the UK, and initial studies suggest that daffodils grown in upland areas produce a higher level of galanthamine.

This project is investigating the viability of sowing daffodils into existing upland pasture and is looking at the impact of incorporating daffodils into grazed pastures on sheep performance and the stock carrying capacity of the land. The findings of these studies will enable a full assessment to be made of the economic feasibility of producing galanthamine in this way.

## Improving silage efficiency in Wales

Led by scientists at our Institute of Biological, Environmental and Rural Sciences (IBERS), the *SMARTsilage* consortium aims to reduce losses from silage making in Wales by 20%, could lead to savings of over £8m for Welsh farmers every year.

The project scientists will be looking at how to improve silage production – a key driver for the profitability of Welsh livestock farms. Approximately 5.4 million tonnes of fresh grass is ensiled in Wales on livestock farms, with an estimated value of £162m, but current ensiling processes are inefficient, with calculated losses of approximately 25% in silage clamp systems. *SMARTsilage* will bring together silage expertise to achieve a solution to exploit new and existing agricultural technologies, targeted at key stages of the ensiling process, with an ultimate common aim of reducing overall ensiling losses significantly.

## Fighting infection in shrubs and trees

At Aberystwyth University we are studying ways of detecting infections in trees and shrubs before they become too symptomatic and contagious.

Phytophthora can infect many different tree species, but in the UK, it is the impact that this disease has had on larch trees that has been making headlines since it was first reported in 2009. In other countries trees and shrub species such as including oak, fir, bilberry and rhododendron also fall prey to the destructive disease, which causes tremendous economic and environmental damage globally. Currently there isn't a way to treat the infection, and so trees showing signs of infection are felled and clearing zones produced to try to slow the spread of infection, but it can often be too late. This new research is taking a different approach to diagnosis; one which could potentially allow diseased trees to be identified before they become symptomatic and start passing on the infection. This approach will also make it possible to test saplings for resistance, and then cultivate those, in order to prevent infection in the future.



# A degree that might just get you to Mars: a student's story

**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' 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 on-going 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.

“ 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. ”



# Undergraduate studies at Aberystwyth



At Aberystwyth we offer various foundation degrees, single honours, joint honours, major/minor degree combinations and Integrated Masters across our subject areas. Don't worry if you are not sure what these qualifications mean, we will explain each and every one of them below. Here's an overview of the ways in which you can study at Aberystwyth.

Generally, there are six types of degree available to you at Aberystwyth:

## Foundation degrees

Usually two-three years in length, these vocational degrees offer you a more practical training. Successful completion can lead to direct entry of a final year of a BSc course in some subjects. A great option if you want to retrain or embark upon an entirely new area of study.

## Bachelors honours degrees with foundation year

Designed for applicants seeking an alternative route into higher education, these degrees offer a year's preparatory study for direct entry onto a bachelors degree.

## Bachelors single honours degrees

Enable you to specialise in one particular subject. Usually three years in duration, though language students will spend an additional year abroad. Many of our degrees can be studied as four-year degrees including a year in industry or study year abroad.

## Bachelors joint honours degrees

Enable you to study two subjects equally, with your time divided between two different departments. Our wide selection enables you to study complementary subjects, so you don't have to choose between your favourites.

## Bachelors major/minor honours degrees

These provide you with a rigorous basis in one subject, with the advantage of pursuing an additional subject of interest to you. Usually three years in duration, you'll spend two thirds of your time studying the major subject, and a third studying the minor subject.

## Integrated Masters degrees

These allow you to integrate three years of undergraduate study with a further year of postgraduate level study leading to a Masters qualification. You can apply for a four-year student loan for the full duration of these degrees, rather than seeking funding for a Masters after completing your first degree.

## Degrees, some facts...

- Each degree is made up of a package of modules – topics within the subject. Core modules are ones you must study as part of the course. You can then choose from a set of optional modules. Continue to our course pages and you will see what modules each course has to offer.
- You will mainly be taught through formal lectures, with a seminar session soon after, where you can discuss points raised in the lecture in a smaller group setting.
- Your work will be assessed through several ways, ranging from course work, exams to practical assessments of laboratory and field work, an evaluation of your contribution to group and seminar presentations, and project work.

## Entry qualifications

Aberystwyth University operates an inclusive admissions policy which values breadth as well as depth of study. Applicants are selected on their individual merits, and offers can vary.

Here are just a few examples of the qualifications that we accept:

- A level
- BTEC (Level 3)
- Welsh Baccalaureate Advanced with Skills Challenge Certificate
- Access to Higher Education Diploma
- Extended Project Qualification
- International and European Baccalaureates

## Studying in Welsh

As a bilingual University, you can if you wish study many of our degrees through the medium of Welsh. All students can submit their work and sit exams in Welsh. There are also options for getting additional support and living in dedicated Welsh language residences if you wish.

Did you know that being able to work through the medium of Welsh can improve your career prospects substantially? 99% of our graduates who studied the entire or some part of their course through the medium of Welsh were in work or further study within six months after graduating (HESA 2018).

# Degree subject combinations

Our wide range of joint honours and major/minor degrees enable you to study more than one subject together. Here's a brief overview of the opportunities available to you at Aberystwyth, for 2021 entry. For further information, particularly about the weighting of major/minor combinations, please contact us or visit our website.

Subject	Available with...	Joint Honours	Major/Minor
<b>Accounting, Finance and Economics</b>			
<b>Accounting and Finance</b>	Business and Management	N4N1	
	Economics	N4L1	
	Marketing	N4N9	
<b>Economics</b>	Spanish	NR44	
	Business and Management	L1N1	
	Human Geography		L1L7
	International Politics		L1LF
Politics		L1L2	
<b>Art History, Fine Art and the Creative Arts</b>			
<b>Art History</b>	Fine Art		V3W1
<b>Fine Art</b>	Art History	WV13	W1V3
	English Literature	WQ13	
<b>Biological Sciences</b>			
<b>Genetics</b>	Biochemistry	CC47, CC48	
<b>Business Studies</b>			
<b>Business and Management</b>	French	NR11	
	German	NR12	
	Spanish	NR14	
<b>Marketing</b>	Business and Management	N5N1	
	French	NR59	
	German	NR52	
	Spanish	NR55	
<b>Tourism Management</b>	French	NR81	
	German	NR82	
	Marketing	N8N5	
	Spanish	NR84	

Subject	Available with...	Joint Honours	Major/Minor
<b>Climate Change</b>			
<b>Climate Change</b>	Biology	FC71, FC72, FC7F	
	Business	FN71	
	Economics	FL71	
	English Studies	FL72	
	International Politics	FL72, FL73	
<b>Computer Science</b>			
<b>Computer Science</b>	Mathematics	GG14	
	Physical Geography	FG84	
	Physics	FG34	
	Welsh	M6P1*	
<b>Education and Childhood Studies</b>			
<b>Education</b>	Drama and Theatre Studies	WX43	
	Fine Art	WX13	
	History	VX13	X3V1
	Human Geography		X3L7
	Mathematics		X3G1
	Spanish		X3R4
<b>English Literature and Creative Writing</b>			
<b>Creative Writing</b>	Drama and Theatre Studies	W841	
	Film and Television Studies	WP83	
	Fine Art	WW18	
	French	WR81	
	Scenography and Theatre Design	W847	
	Spanish	WR84	
	English Literature	QW34	
<b>English Literature</b>	Drama and Theatre Studies	QW34	
	Education	QX33	

Subject	Available with...	Joint Honours	Major/Minor
<b>Geography and Earth Sciences</b>			
<b>Daearyddiaeth</b>	History	LVR1*	
	International Politics	LL7F*	
	Welsh History	LVT1*	
	Economics		L7L1
	English Literature	LQ73	
<b>Physical Geography</b>	Education		F8X3
	Mathematics	FG81	F8G1
<b>History and Welsh History</b>			
<b>History</b>	Education	VX13	
	English Literature	QV31	
	International Politics	VLD2*	
	Mathematics	GV11	
	Spanish	RV41	
	Welsh History	VV21*	
<b>International Politics</b>			
<b>International Politics</b>	Economics		L2L1
	History	LVF1	
	Spanish		NR14
<b>Politics</b>	Law		L2MC
<b>Law and Criminology</b>			
<b>Law (LLB)</b>	Accounting and Finance	MN14	
	Business and Management	MN11	
	Criminology	MM91	
	Cymraeg Proffesiynol	MQ56	
	French	RM11	
	German	RM21	
	International Politics	ML12	
	Spanish	RM41	
<b>Mathematics</b>			
<b>Applied Mathematics</b>	Pure Mathematics	G130	
	Statistics	GG13	
<b>Mathematics</b>	Accounting and Finance	GN94	
	Business and Management	GN11	
	Drama and Theatre Studies	GW14	
	Education	GX13	G1X3
<b>Pure Mathematics</b>	Statistics	GGC3	
<b>Modern Languages</b>			
<b>French</b>	Creative Writing	WR81	
	Drama and Theatre Studies	RW14	
	English Literature	QR31	
	German	RR12	
	History	RV11	
	International Politics	LRF1	
	Mathematics	GR11	
	Spanish	RR14	

Subject	Available with...	Joint Honours	Major/Minor
<b>German</b>	Business and Management		NR12
	History	RV21	
	Mathematics	GR12	
	Spanish	RR24	
<b>Spanish</b>	Creative Writing	WR84	
	Drama and Theatre Studies	RW44	
	Education		R4X3
	English Literature	QR34	
<b>Photography</b>			
<b>Photography</b>	Art History		WV63
	Creative Writing		WW68
	English Literature		WQ63
	Film and Television Studies		WW66
<b>Physics</b>			
	Education		F3X3
<b>Psychology</b>			
<b>Psychology</b>	Criminology	CM89, A1C6	
	Education	CX80	
<b>Theatre, Film and Television Studies</b>			
<b>Drama and Theatre Studies</b>	Creative Writing	W841	
	Film and Television Studies	WWP4*	
	History	WV41	
	International Politics	LW24	
<b>Film and Television Studies</b>	Drama and Theatre Studies	WW64	
	English Literature	QW36	
	Fine Art	WW16	
	French	RW16	
	Mathematics	GW16	
<b>Scenography and Theatre Design</b>	Drama and Theatre Studies	W432	
	Film and Television Studies	WP43	
<b>Welsh/Cymraeg and Celtic Studies</b>			
<b>Irish Language and Literature</b>	Education	QX5H	
<b>Welsh</b>	Drama and Theatre Studies	QW54*	
	Education	QX53*	
	Film and Television Studies	QWM6*	
	Daearyddiaeth	LQ75*	
	History	QV51*	
	International Politics	LQF5*	
	Mathematics	GQ15*	
Spanish	QR54*		
Welsh History	QVN1*		

\*=course taught wholly/partly through the medium of Welsh

# Accounting, Finance and Economics

## Our courses...

Accounting and Finance	p.24
Business Economics	p.25
Business Finance	p.26
Economics	p.27
Economics and Climate Change	p.28
Accounting, Finance and Economics with Foundation Year	p.29

Our accounting, finance and economics courses are accredited by most professional bodies including the Association of Chartered Certified Accountants (ACCA), the Chartered Institute of Management Accountants (CIMA), and the Chartered Institute of Public Finance and Accountancy (CIPFA). You'll be supported throughout your studies by our experienced, professional and friendly staff.

## 3RD IN THE UK

for Student Experience in the subject  
area of Accounting and Finance

*(The Times and Sunday Times, Good University Guide 2020)*

# Accounting and Finance

## BSc (Hons)

The Accounting and Finance degree will prepare you for a career in professional accountancy or financial services, by focusing primarily on financial accounting and management accounting, with general finance dovetailed throughout the programme.

Our research-active staff will help you develop a broad understanding of the operational context, and the impact of financial measurement and disclosure on cash-flow, internal policy, and management systems. This will enhance your understanding of how financial data may be used in order to inform and influence managers, investors and decision makers; and how the presentation of financial information can impact on the longevity (and profitability/sustainability) of a company or public sector organisation.

Specialist opportunities at Aberystwyth for Accounting and Finance students include:

- studying an innovative case study module where students are assigned into groups to improve their practical, teamwork, presentation, communication and delegation skills and strategic thinking – core employability skills
- professional exemptions from the main UK professional accounting bodies exams.

### Employability

Accountancy firms, investment banks and financial institutions offer a wide diversity of career opportunities to suit all interests including traditional auditing and assurance work, management consulting, corporate finance, IT consulting, tax planning and insolvency. We have established links with the major Accounting and Finance employers. As well as placing our students in traditional accounting firms including Deloitte, PwC, E&Y, KPMG, our recent graduates have secured employment with other well-known organisations such as Barclays, the BBC, Lidl and the NHS.

## Key Facts

 <b>Degree type:</b> BSc	 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>UCAS Code:</b> N400	 <b>Study abroad opportunities:</b> Yes.
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> No.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.	 <b>Related courses:</b> Business Finance p.26, Business and Management p.70, Economics p.27.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Fundamentals of Accounting and Finance
- Accounting and Finance for Specialists
- Understanding the Economy
- Fundamentals of Management and Business
- Data Analytics.

### Second year:

- Intermediate Financial Accounting
- Intermediate Management Accounting
- Corporate Governance, Risk and Ethics
- Corporate Finance and Financial Markets
- Business Law for Managers
- Taxation.

### Third year:

- Advanced Financial Accounting
- Advanced Management Accounting
- Investments and Financial Instruments
- Accounting and Finance: Analysis and Application
- Theory and Practice of Auditing.

### Accredited by:



 You can study this course (as a joint honours or major/minor degree) with: Economics, Management, Marketing, Mathematics, Business and Management and Spanish. Please see p.20.

# Business Economics

## BSc (Hons)

This degree in Business Economics will prepare you for developing effective business solutions using practical economic knowledge. It is an ideal degree for developing a professional career in the world of business and commerce, particularly by relating company policy and management strategies to external factors and policies.

At Aberystwyth Business School we focus on the practical application of economic ideas, knowledge and methods within the context of professional decision-making situations. You'll develop the ability to apply economic knowledge to issues treated in a number of sub-disciplines related to business policy. This scheme also promotes the use of business statistics and graphic illustration, as opposed to the mathematical treatment of theoretical concepts and proofs.

You will develop a coherent understanding of economics as an analytical assessment tool and develop the professional skills to apply both microeconomics and macroeconomics in context.

Students studying Business Economics at Aberystwyth will enjoy:

- highly motivated research-led teaching, guided by our world-class research on aspects relating to international trade and business, development economics and policy analysis, labour and regional economics, rural and agricultural economics, the economics of ecology and environment and applied econometrics
- developing valuable analytical, numerical, data analysis, and problem-solving skills, enhancing your core of transferable skills
- extra-curricular opportunities such as events, personal development plans, departmental seminars, talks, study trips and business competitions.

### Employability

Our graduates have gone to work in the Government Economic Services, HM Treasury, British Council, FDM Group, Nexus Financial Consulting, and Kiva. Many have also pursued research and further studies in higher education.

## Key Facts

 <b>Degree type:</b> BSc	 <b>Assessment weighting:</b> 40% coursework, 60% exams.	 <b>Related courses:</b> Accounting and Finance p.24 Adventure Tourism Management p.68, Business Finance p.26, Business and Management p.70 Economics p.27, Marketing p.72, Tourism Management p.74.
 <b>UCAS Code:</b> L113	 <b>Study abroad opportunities:</b> Yes.	
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> Yes.	
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.		

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Fundamentals of Accounting and Finance
- Understanding the Economy
- Fundamentals of Management and Business
- Economic Theory and Policy
- Data Analytics.

### Second year:

- Microeconomics Theory and Policy
- Macroeconomics Theory and Policy
- Managerial Economics
- Human Resource Management
- Research Methods.

### Third year:

- Environmental Economics
- Trade, Development and Growth
- Organisational Psychology
- Dissertation.

# Business Finance

## BSc (Hons)

The world of business is demanding, challenging and heavily reliant on finance: a diverse world with various factors that influence business performance and prospects. At Aberystwyth our programme aims to equip you with a well-founded, coherent framework to understand financial strategy, the conduct of financial services and regulation of money and finance.

The finance aspects of the programme are taught to inspire and teach you the fundamental theoretical and practical applications of accounting in order to enable organisations to undertake well-informed financial decision-making.

You will also explore the following areas on this course: managerial finance, taxation, investment fundamentals, portfolio management and global finance.

Specialist opportunities at Aberystwyth for Business Finance students include:

- exemptions from the UK professional accountancy exams.

### Employability

Employment opportunities for graduates with a degree in Business Finance include working in areas such as retail and investment banking, management consulting, and tax planning. Many of our students enter graduate finance training schemes and they quickly find employment with UK or multi-national business or financial organisations.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Fundamentals of Accounting and Finance
- Accounting and Finance for Specialists
- Understanding the Economy
- Fundamentals of Management and Business
- Economic Theory and Policy
- Data Analytics.

### Second year:

- Microeconomics Theory and Policy
- Intermediate Financial Accounting
- Intermediate Management Accounting
- Corporate Governance, Risk and Ethics
- Corporate Finance and Financial Markets
- Macroeconomics Theory and Policy.

### Third year:

- Investments and Financial Instruments
- Trade, Development and Growth
- Dissertation.

### Accredited by:



## Key Facts

<b>Degree type:</b> BSc	<b>Assessment weighting:</b> 40% coursework, 60% exams.
<b>UCAS Code:</b> N310	<b>Study abroad opportunities:</b> Yes.
<b>Duration:</b> 3 years.	<b>Related courses:</b> Accounting and Finance p.24, Business Economics p.25, Business and Management p.70, Economics p.27.
<b>Typical offer:</b> UCAS tariff points: 120-96 IB: 30-26 overall.	

# Economics

## BSc (Hons)

Economics at Aberystwyth focuses on a wide range of issues impacting everyday life including the creation of employment, inflationary pressures, international trade issues, the process of business competition, innovation and growth, the development of emerging markets, the protection of natural resources, and government policy making.

You will develop valuable analytical, numerical, data analysis and problem-solving skills, which will allow you to understand how people, businesses, institutions and governments make decisions, and the implications of such decisions on individuals and society.

The research conducted at Aberystwyth Business School informs our teaching on aspects relating to international trade and business, development economics and policy analysis, labour and regional economics, rural and agricultural economics, the economics of ecology and environment and applied econometrics.

Opportunities available to you whilst studying Economics at Aberystwyth include extra-curricular opportunities such as events, personal development plans, departmental seminars, talks, study trips and business competitions.

### Employability

On this degree, you will develop the skills to enhance your employability prospects. The BSc Economics provides opportunities in areas such as policy analysis or government administration in the public sector, banking / finance sector or within the private sector. You could also work for non-government organisations (NGOs) or voluntary organisations. Our graduates have gone on to work in the Government Economic Services, HM Treasury, British Council, FDM Group, Nexus Financial Consulting, and Kiva.

## Key Facts

<b>Degree type:</b> BSc	<b>Assessment weighting:</b> 40% coursework, 60% exams.	<b>You can study this course (some as joint honours and some as major/minor degree) with:</b> Economic and Social History, Human Geography, International Politics, Mathematics, Politics and Business and Management. Please see p.20.
<b>UCAS Code:</b> L100	<b>Study abroad opportunities:</b> Yes.	
<b>Duration:</b> 3 years.	<b>Related courses:</b> Accounting and Finance p.24, Business Economics p.25, Business and Management p.70.	
<b>Typical offer:</b> UCAS tariff points: 120-96 IB: 30-26 overall.		

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Fundamentals of Accounting and Finance
- Understanding the Economy
- Economic Theory and Policy
- Fundamentals of Management and Business
- Data Analytics.

### Second year:

- Microeconomics Theory and Policy
- Macroeconomics Theory and Policy
- Managerial Economics
- Econometrics
- Research Methods.

### Third year:

- Contemporary Issues in Economic Policy
- Environmental Economics
- History of Economic Thought
- Trade, Development and Growth
- Dissertation.

# Economics and Climate Change

## BSc (Hons)

Our planet is facing a climate emergency. Climate change is the greatest contemporary environmental challenge with man-made carbon emissions proven to have resulted in unprecedented rises in global temperatures with significant impacts on human, social, political, economic and natural systems. The relationship between climate change and society is highly complex but we have the knowledge and the technology available to reduce the impact on climate, and thus ease the pressures on the world's most vulnerable places, people and wildlife.

Economics can play a key role in tackling climate change by providing an understanding of the incentive structures of consumers and firms that help explain why and how governments might intervene in economic markets to deliver climate-friendly policies and institutions. Through the study of economics, students will gain an understanding of the failures of 'conventional' markets to effectively tackle climate change. Drawing on sub-disciplines of environmental and ecological economics, students will develop an appreciation of how local, national and international policies can be developed to provide incentives such as carbon trading schemes and taxes aimed at reducing emissions. Economics can also help us understand the role of institutions, such as the Intergovernmental Panel on Climate Change (IPCC) helping set international targets for carbon emissions. A knowledge of economics also provides insights into mechanisms for transformative societal change such as moves to a carbon neutral economy, transitions to green GDP, and an understanding of the impact of climate change on equity issues between developed and developing countries. A combination of economic and climate change modules will allow students to develop the interdisciplinary skills needed to understand and create solutions to the climate crisis.

Our degree in Economics and Climate Change will prepare students to become future leaders in the fight against climate change. On this course, you will combine a knowledge of the science underpinning climate change with a wide range of economic tools that allow you to understand and develop policies and incentives supporting the transition to a carbon neutral economy. The degree explores creative ways in which policies can be developed to respond to the challenge and opportunities of the current climate crisis. It will also equip you with relevant subject-specific knowledge alongside the inter-disciplinary, interpersonal skills and attributes needed to create a more just and sustainable world. Economics and Climate Change will set you on the rewarding journey of having a positive impact on your world.

## Key Facts

 <b>Degree type:</b> BSc
 <b>UCAS Code:</b> FL71
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-112 <b>IB:</b> 30-28 overall.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.

 <b>Study abroad opportunities:</b> Yes.
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## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

In your first year, you will develop a strong foundation of economic subjects, including modules on data analytics, understanding the economy, economic theory and policy, and accounting and finance. These will be combined with innovative modules that investigate the science of climate and the impacts, perceptions and adaptations of climate change.

### Second year:

Your second year will further build on your knowledge of micro- and macro-economic theory. You will develop a deeper understanding of climate change issues through interdisciplinary modules on the governance of climate change and institutional design. A research methods module will provide you with the research skills to integrate your knowledge across different disciplines to address the economic impacts and responses to climate change. Finally, option modules will allow you to develop specialist knowledge on economic and climate change issues.

### Third Year:

Your final year will focus on further developing your economics knowledge with specialist modules on environmental economics and growth, development and sustainability. You will also be able to choose from a wide range of economics and climate change modules to suit your learning and professional needs. Drawing on the knowledge you have acquired throughout your studies, your final year dissertation will provide you with an opportunity to research in detail issues relating to the economic impact of, and policy response to, the challenges of the climate crisis.

# Accounting, Finance and Economics Foundation Year

## BSc (Hons)

The Accounting, Finance and Economics Foundation Year is your entry route into the traditional, high quality, and outcome-focused Aberystwyth Business School (ABS). We recognise that for some of our students to achieve their potential a further and funded academic year is required. ABS recognises that many Foundation Year students are curious about the disciplines of Accounting, Finance and Economics but that curiosity and enthusiasm requires development in different ways to a traditional first year cohort.

Studying a degree with a Foundation Year will allow you to develop the academic skills necessary to successfully progress throughout your degree programme, be that in Accounting, Finance or Economics and is specifically designed to help build your confidence in academic writing and enquiry and to fully support a successful degree programme outcome.

Successful completion of the Accounting, Finance or Economics Foundation Year means you will seamlessly join your preferred degree pathway with the same world-class support, tutoring, mentoring, and career development opportunities that ABS is renowned for.

Course title	Course code
BSc Accounting and Finance with Foundation Year	N40F
BSc Business Economics with Foundation Year	L11F
BSc Business Finance with Foundation Year	N31F
BSc Economics with Foundation Year	L10F

## Key Facts

 <b>Degree type:</b> BSc
 <b>Duration:</b> 4 years

 <b>Typical offer:</b> Available to those who are studying for, or have completed Level 3 qualifications (eg, A-Levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.
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 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

## Accredited by:



# Agriculture

## Our courses...

Agriculture	p.32
Agriculture with Animal Science	p.33
Agriculture with Business Management	p.34
Agriculture (Foundation)	p.35
Integrated Masters	p.37

Aberystwyth has a long-established reputation for teaching and research in Agriculture. We are recognised internationally for our plant breeding programmes, as well as our research expertise in animal and crop science. Within the Centre for Innovation Excellence in Livestock, we focus on the efficient production of sheep meat whilst minimising environmental impact. The National Plant Phenomics Centre is a unique facility for delivering breeding solutions and advances for key crop species. In addition, the Pwllpeiran Upland Research Platform provides a research resource to investigate upland farmed ecosystems, whilst the Aberystwyth Innovation and Enterprise Campus will bring academia and businesses from the bioscience, agri-tech, and food and drinks sectors together on a brand new £40.5m campus. Our farms extend to over 1000 hectares and act as Innovation sites for the Welsh Government's knowledge transfer service to the industry. We are an excellent choice for your Agriculture degree.

## TOP 10 IN THE UK

for Teaching Quality and Student Experience for the subject of Agriculture & Forestry

*(The Times and Sunday Times, Good University Guide 2020)*

# Agriculture

## BSc (Hons)

Aberystwyth has a long-established reputation for teaching excellence in Agriculture. Our students acquire a wide range of skills, supplementing their academic study at university with regular visits to commercially run farms and businesses, and gaining the latest insights from scientists at the cutting edge of agricultural research.

Modern agriculture is faced with the task of feeding an increasing global population against a backdrop of dwindling resources, the need to protect the environment, and the need to cope with, and mitigate against, climate change. At the same time, agriculture faces new priorities closer to home as the UK redefines its relationship with Europe. This degree will equip you to tackle these challenges, covering all aspects of agriculture and agricultural production systems, and developing a detailed understanding of the changing farming landscape. You will gain the practical skills needed to manage a sustainable business, and will be ready to adopt best practices, informed by current research, to tackle the challenges of livestock and crop management and get the best from your agricultural business.

Specialist opportunities at Aberystwyth for Agriculture students include:

- teaching by leading experts and researchers in their field
- visits to farms, research establishments and agri-businesses throughout the UK as an integral part of the course
- the opportunity to complete a tutor-supported work experience year to develop skills and enhance career prospects.

### Employability

Our graduates have achieved successful careers in many areas of agriculture and its related industries, including enterprise and farm management, animal health and nutrition, agricultural politics and administration, crop and grassland agronomy, as well as administrative, consultancy and sales careers with agricultural supply companies.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> H21Y (D401 with integrated year in industry).
	<b>Duration:</b> 3 years (D401 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 to include C in a relevant A level science subject or equivalent. <b>IB:</b> 30-26 overall with 5 points in a relevant science subject at Higher Level.

	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.
	<b>Related courses:</b> Agriculture with Animal Science p.33, Agriculture with Business Management p.34.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Agricultural Technology
- Applied Animal Biology\*
- Business, Economics and Land Use
- Crop and Grassland Management
- Introduction to Livestock Production Systems\*
- Soils and their Management
- Study and Communication Skills\*
- The Agricultural Industry\*
- The Development and Management of British Habitats\*.

### Second year:

- Agronomy and Crop Improvement
- Applied Nutrition of Livestock, Horses and Companion Animals\*
- Farm Business Management and Appraisal
- Food, Farming and the Environment\*
- Livestock Production Systems\*
- Research Methods\*.

### Final year:

- Research Project\*, or Critical Review\*
- Advances in Agriculture\*
- Farm Planning and Advanced Farm Management.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

# Agriculture with Animal Science

## BSc (Hons)

Alongside Aberystwyth's credentials in agriculture, students on this degree benefit from teaching by active researchers in animal disease, nutrition, reproduction, behaviour, and more; and from a range of well-equipped teaching and research laboratories. The Institute of Biological, Environmental and Rural Sciences (IBERS) is home to VetHub1, an animal health research facility focusing on bovine tuberculosis, and the Barrett Centre for Helminth Control, an interdisciplinary research centre leading the fight against helminth diseases of livestock such as liver fluke.

On Agriculture with Animal Science, you will establish a firm foundation of practical skills and subject knowledge in agriculture and agricultural production systems. Alongside this core knowledge, you will immerse yourself in the science, production, and management of livestock, benefitting from the insights of our active researchers. Your specialism in animal science will cover aspects of nutrition, reproductive physiology, animal health, and animal breeding, as well as emerging animal biotechnologies. With this skill set you will be ready to tackle the challenges of livestock production, and primed for success in your agricultural business.

Specialist opportunities at Aberystwyth for Agriculture with Animal Science students include:

- the opportunity to be taught by, and become involved in, the research work of leading scientists
- visits to farms, research stations and agri-businesses throughout the UK as an integral part of the course
- work experience opportunities in the UK and overseas.

### Employability

Our graduates lead successful careers in many areas of agriculture and agriculture-related industries, including livestock enterprise management, consultancy, animal health, welfare and nutrition, and administrative and sales careers with a wide range of agricultural supply companies.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> 53C8 (D4D3 with integrated year in industry).
	<b>Duration:</b> 3 years (D4D3 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 to include C in a relevant A level science subject or equivalent. <b>IB:</b> 30-26 overall with 5 points in a relevant science subject at Higher Level.

	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Applied Animal Biology\*
- Biochemistry and the Cellular Basis of Life
- Business, Economics and Land Use
- Crop and Grassland Management
- Introduction to Livestock Production Systems\*
- Study and Communication Skills\*
- The Agricultural Industry\*.

### Second year:

- Animal Breeding: Genetics and Reproduction
- Applied Nutrition of Livestock, Horses and Companion Animals\*
- Livestock Production Systems\*
- Research Methods\*.

### Final year:

- Research Project\*, or Critical Review\*
- Advances in Agriculture\*
- Livestock Production Science\*.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

	<b>Related courses:</b> Agriculture p.32, Agriculture with Business Management p.34, Integrated Masters p.37, Animal Science p.50.
	<b>You can also gain entry to this course through our C990 Life Sciences foundation programme.</b> Please see page p.57.

# Agriculture with Business Management

## BSc (Hons)

The Institute of Biological, Environmental and Rural Sciences (IBERS) conducts the annual Farm Business Survey in Wales on behalf of the Welsh Government. The survey collects financial and physical data from some 600 farms and is used by policy-makers and researchers to assess the economic factors affecting farming in Wales. As such, our staff are ideally placed to provide expert training in business management to complement your study of agriculture.

Agriculture with Business Management will provide you with a thorough grounding in practical skills and theoretical knowledge in both farming and commerce. This scheme is appropriate for applicants with little or no farming background as well as those who already have knowledge of agriculture, since it provides a firm grasp of agricultural systems alongside the principles and practices of business. With the option to undertake an integrated year in industry, and with access to the numerous agricultural businesses and commercial farms in the locality and further afield, you will develop the core capabilities and skills demanded by a range of employers and needed for management of your own business.

Specialist opportunities at Aberystwyth for Agriculture with Business Management students include:

- teaching by expert staff involved in the University's Business School, as well as the Farm Business Survey for Wales, the most authoritative source of financial information on farming businesses
- visits to farms and agri-businesses throughout the UK as an integral part of the scheme
- work experience opportunities in the UK and overseas.

### Employability

The combination of knowledge and skills that this scheme offers is much sought after by agri-business employers and a number of other professions, including advisory and consultancy services and farm and estate management, as well as agricultural financing. This is also an excellent qualification for a career in other businesses such as in the rapidly growing agri-food sector.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> D4N2 (4D12 with integrated year in industry).
 <b>Duration:</b> 3 years (4D12 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Business, Economics and Land Use
- Crop and Grassland Management
- Introduction to Livestock Production Systems\*
- Study and Communication Skills\*
- The Agricultural Industry\*.

### Second year:

- Agronomy and Crop Improvement
- Farm Business Management and Appraisal
- Livestock Production Systems\*
- Research Methods\*.

### Final year:

- Research Project\*, or Critical Review\*
- Advances in Agriculture\*
- Farm Planning and Advanced Farm Management.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Agriculture p.32, Agriculture with Animal Science p.33.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme.

# Agriculture (Foundation)

## FdSc

This degree is an excellent option for those who wish to train as managers of agricultural enterprises, or to retrain and pursue a future career in agriculture. Students who successfully complete this course to the required standard can progress onto one of our agriculture degree schemes.

On this course you will be challenged with real-life scenarios so that you can study a blend of science, technology, and farm management to explore and understand the way in which modern agricultural methods produce food in a sustainable manner and provide a profit for the farm business. You will cover all aspects of agricultural production systems, whilst also developing a detailed understanding of the changing farming landscape, and the skills and theoretical knowledge needed to manage a sustainable business.

Specialist opportunities at Aberystwyth for Agriculture (Foundation) students include:

- teaching by leading experts and researchers in their field
- visits to farms and agri-businesses throughout the UK as an integral part of the scheme
- work experience opportunities in the UK and overseas.

### Employability

Students graduating with a Foundation Degree in Agriculture enter a variety of technical and managerial roles at enterprise and farm level. You will be able to adopt best practices that incorporate the very best of current research, and husbandry practices that allow you to tackle the challenges of livestock and crop management in a changing and challenging physical and financial environment.

## Key facts

 <b>Degree type:</b> Foundation.
 <b>UCAS Code:</b> D402 (D403 with integrated year in industry).
 <b>Duration:</b> 2 years (D403 is 3 years).
 <b>Typical offer:</b> UCAS tariff points: 96-72. IB: 26 overall.

 <b>Assessment weighting:</b> Most second year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> No.
 <b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Agricultural Technology
- Animal Science
- Business, Economics and Land Use
- Crop and Grassland Management
- Introduction to Livestock Production Systems\*
- Study and Communication Skills\*
- The Agricultural Industry\*
- Soil and Plant Science
- The Development and Management of British Habitats\*.

### Second year:

- Agronomy and Crop Improvement
- Business Budgeting and Appraisal
- Food, Farming and the Environment\*
- Livestock Production Systems\*
- Science and Technology in Agriculture.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Related courses:</b> Agriculture p.32 Agriculture with Animal Science p.33, Agriculture with Business Management p.34.
 Upon successful completion at the required level, you can progress onto the final year of one of our agriculture BSc degrees.



# Integrated Masters schemes

## Agriculture (D404)

### Agriculture with Animal Sciences (D4D4)

#### MAG

Our Integrated Masters schemes offer you the opportunity to combine a BSc with an extra year of study so that you will graduate with a Masters level qualification. These degrees develop the breadth and depth of your knowledge and prepare you to be subject specialists able to make effective use of state-of-the-art innovations within the agricultural industry and beyond. These courses can also serve as a stepping-stone to further research degrees and will develop the skills needed by today's professionals.

During your Masters level final year of study, you will have the opportunity to apply your subject-specific knowledge and understanding to an independent, scientific research project conducted in close collaboration with one of our institute's research groups. You will also study taught modules aimed at giving you insight into the most current techniques and knowledge in the agricultural sciences.

Specialist opportunities at Aberystwyth for our integrated masters students include:

- University farms that are home to a 400 cow milking herd, 1000 ewes including a flock of pedigree Texel sheep and commercial arable and forage crops and grassland
- Crop science and production research facilities that include the UK's National Plant Phenomics Centre, Plant Breeding Programmes that underpin commercial Seed Production, a seed Biobank that is part of the UK Plant Genetic Resources Group, hydroponic crop research facilities, biofuel crop research programmes and the BEACON Biorefining Centre
- Livestock science, production and health facilities that include the Small Ruminant (Sheep) Platform of the UK's Centre for Innovation Excellence in Livestock, the VetHub1 Bovine Tuberculosis Research Facility, Veterinary Parasitology facilities and a close working relationship with the Wales Veterinary Science Centre
- In addition, there is also the Pwllpeiran Upland Research Station and the Aberystwyth Innovation and Enterprise Campus, home to the Future Foods Centre which is a food grade environment for the testing, validation and improvement of existing and novel materials as foods.

#### Key facts



**Degree type:** MAg



**Duration:** 4 years



**Typical offer:**  
UCAS tariff points: 128-120 with a B in a relevant Science.  
IB: 32-30 overall, with 6 points in a relevant science at Higher Level.



**Assessment weighting:**  
Modules in the Masters level final year are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.



**Field trips/fieldwork:**  
Yes.

#### Modules

Below is an indicative list of core modules that you may study on this course.

##### First year:

- Business, Economics and Land Use
- Crop and Grassland Management
- Introduction to Livestock Production Systems\*
- Study and Communication Skills\*
- The Agricultural Industry\*.

##### Second year:

- Agronomy and Crop Improvement
- Farm Business Management and Appraisal
- Livestock Production Systems\*
- Research Methods\*.

##### Third year:

- Research Project\*, or Critical Review\*
- Advances in Agriculture\*
- Farm Planning and Advanced Farm Management.

##### Core modules you may study in your final year:

- MBIol Research Project
- Research Methods in the Sciences.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

#### Employability

Our Integrated Masters degrees have been specifically created to meet the increasing demand for suitably qualified personnel to work at high level within the agricultural and allied industries. The subject specialist skills developed on this course will allow students to target careers in agricultural consultancy, agronomy, farm management, livestock health and nutrition and all other allied roles. The Integrated Masters in Agriculture is also a recognised alternative to MSc for progression to a PhD studentship, as well as an excellent foundation for a career as a professional scientist.

# Art History, Fine Art and the Creative Arts

## Our courses...

Art History	p.40
Creative Arts	p.41
Fine Art	p.43
Photography	p.44

The School of Art is housed in a magnificent grade II\* listed building where history and tradition meets contemporary practice. Here, art is made and debated, exhibited and experienced. You will become immersed in artistic and curatorial practices and art historical research. The School of Art is one of only two UK art schools to enjoy accredited museum status.

**TOP IN WALES**  
for the subject of Art & Design

*(The Times and Sunday Times, Good University Guide 2020)*

# Art History

## BA (Hons)

As students of Art History you will examine the products of cultures, trace their origins, chart their development and debate their significance. To this end, our BA Art History degree scheme promotes critical thinking and equips you with essential research and writing skills. This ensures that you not only gain knowledge but will be prepared to make use of whatever you learn.

Our Art History scheme introduces you to the fundamentals of research, analysis and argumentation. It provides you with rare opportunities to conduct original research using our museum's extensive collections of fine and decorative art.

In addition to providing a survey of Western art from the Renaissance to the present day, the degree scheme offers a range of optional modules such as Art in Wales, gothic imagination, rethinking impressionism, and curating an exhibition. You will also have the opportunity to research and stage an exhibition for our public galleries, and to experience creative practices at first hand as part of the module methods and materials for art historians. We are the only institution in Wales offering undergraduate degrees in art history.

Opportunities at Aberystwyth for students of Art History include:

- skills development and research training tailored to your individual interests
- a training grounded in the fundamentals of research, analysis and argumentation
- vocation-oriented modules and the curatorial study of art
- access to our museum's internationally renowned collections of fine and decorative art.

### Employability

In an image-driven world such as ours, the ability to understand the language of visual culture is becoming increasingly important. The study of art history has many practical applications. It provides a sound foundation for careers in education, publishing and advertising, as well as in curating, conservation and arts administration. Alumni employers include the Arts Council, Royal Academy of Arts, Tate, Victoria and Albert Museum and the Royal Collections Trust.

## Key Facts

 <b>Degree type:</b> BA
 <b>UCAS Code:</b> V350.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
 <b>Assessment weighting:</b> 80% coursework, 20% exams.
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Art in Europe 1: Pleasure, Power & Profit, 1648-1814
- Looking into Landscape: Reading, Researching, Responding
- Art in Europe 2: Revolutions and Modernities 1814-1900
- Representing the Body.

### Second and third years:

- Art in Europe and the Americas: Modernism 1900-1937
- Dissertation Preparation and Professional Practice for Students of Art History
- Methods of Materials for Art Historians
- Postmodernism and Contemporary Art
- Dissertation.

You will be able to choose from a range of optional modules that complement your core modules.

# Creative Arts

## BA (Hons)

Our Creative Arts degree scheme offers a unique learning experience that allows you to cross traditional disciplinary boundaries and draw on the breadth of your creative potential. It enables you to follow a self-directed pathway through and across the following strands of creative activity: fine art; creative writing; performance; scenography; and film.

Through the scheme's core interdisciplinary practice modules, students will develop a portfolio of self-directed creative projects. They will have the opportunity to present their work in an annual public event at the RIBA award-winning Aberystwyth Arts Centre, staging site-specific intervention projects in and around the centre.

The Creative Arts degree scheme has a strong vocational dimension which provides for practical learning and a direct engagement with Aberystwyth's creative community. As well as learning from practising artists, authors, arts administrators and performers, students will be taught between three departments (the school of Art, the department of English and Creative Writing, and the department of Theatre, Film and Television Studies), each offering a wide choice of optional creative modules.

Opportunities at Aberystwyth for students of Creative Arts include:

- a stimulating, creatively challenging, transdisciplinary range of modules
- access to our researchers and practitioners drawn from across the creative disciplines
- the superb facilities of our internationally renowned Arts Centre.

### Employability

The interdisciplinary approach of our Creative Arts degree scheme promotes problem-solving, develops interpersonal skills and improves your ability to respond to and succeed in a changing jobs marketplace. These skills include the ability to conduct research and interpret information, communicate ideas, develop critical and interdisciplinary thinking, work independently or as part of a creative team, and to stay focused, motivated and goal-orientated. Our students establish themselves as professional artists, curators, educators and arts administrators.

## Key Facts

 <b>Degree type:</b> BA
 <b>UCAS Code:</b> WW48.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
 <b>Assessment weighting:</b> 100% coursework.

## Modules

You will study one core Interdisciplinary Practice module in each year. These modules are complemented by optional modules selected from those offered by the school of Art, department of English and Creative Writing, and the department of Theatre, Film and Television Studies.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Art History p.40, Fine Art p.43.



# Fine Art

## BA (Hons)

Our Fine Art course is designed to develop, broaden and deepen your skills in a variety of media. Disciplines taught at the School of Art include painting, printmaking, drawing, photography, book illustration, experimental film, sound, installation and site-specific performance. Our modular degree scheme structure allows you to move between practices. It enables you to choose pathways, curricula, modes of assessment and learning opportunities that best reflect your interests and aptitude.

As well as offering you a solid grounding in techniques and materials, the scheme encourages the rethinking of traditional skills in the context of contemporary, conceptual practices. Drawing is fundamental to your training. Accordingly, it occupies a central position in the curriculum, particularly in the first year of studies. For those who choose to enrol in them, weekly figure drawing classes run at all levels of study.

Your ability to apply your knowledge and skills is important to us. A solid grounding in materials and techniques in the first year is followed by a specialised or a more broad-based pathway through the scheme. This assists you in exploring your interests and positioning yourself as an art practitioner in today's market. Your art practice will be informed by art history. In addition, teaching at the school actively draws on our museum collections and visiting exhibitions to develop your understanding of the contemporary art world.

Opportunities at Aberystwyth for students of Fine Art include:

- entry to the degree scheme directly from school or from an art foundation course
- training that connects traditional skills with contemporary practice and theory
- vocation-oriented modules and engagement with the curatorial study of art
- access to our museum's internationally renowned collections of fine and decorative art
- participating in public exhibitions as part of your degree scheme.

## Key Facts

 **Degree type:** BA

 **UCAS Code:** W100.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-104 to include B in A level Art or appropriate, plus satisfactory portfolio.  
**IB:** 30-28 overall with Art or appropriate, at Higher Level plus satisfactory portfolio.

 **Assessment weighting:**  
100% coursework.

 **Study abroad opportunities:**  
Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Drawing: Looking, Seeing, Thinking
- Drawing: Extended Practice
- Painting: Looking, Seeing, Thinking
- Painting: Extended Practice
- Looking into Landscape: Reading, Researching, Responding.

### Second and third years:

- Professional Practice for Students of Art
- Research and Process in Practice
- Exhibition 2: Graduation Show.

You will be able to choose from a range of optional modules that will complement your core modules.

### Employability

On completion of this degree, you will emerge with real world capabilities, enabling you to pursue careers as artists, curators, and educators. Our graduates are professional painters, book illustrators, photographers, university educators, secondary school teachers, art gallery managers, and exhibition curators. Their employers include the Arts Council, Royal Academy of Arts, Tate, Victoria and Albert Museum and the Royal Collections Trust.

 **Field trips/fieldwork:**  
Yes.

 **Related courses:** Art History p.40, Creative Arts p.41.

 **You can study this course (as a joint honours or major/minor degree) with:** Art History, Creative Writing, Education, English Literature, and Film and Television Studies. Please see p.20.

# Photography

## BA (Hons)

Our degree scheme encourages a practical, critical, theoretical and historical engagement with photography. You will investigate the photograph as a staged medium, as document, as fine art, as a carrier of ideas, and an instrument of power and resistance. Beyond simply recording what lies in front of the lens, you will explore the language of photography – whether gallery, commercial, or editorially focused.

Vocation-oriented modules offer a wide variety of analogue and digital workshops in the studio and field, demonstrations, lectures, seminars, and tutorials. Assignments explore themes such as identity, environment, tradition and sense of place, as well as encourage you to work independently on student-led, tutor-negotiated projects. You will develop bodies of work on subjects or issues that really interest you, giving you the confidence to express your ideas and develop a distinctive voice.

As well as offering a solid grounding in essential techniques, our scheme promotes the rethinking of traditional darkroom skills in the context of contemporary, conceptual practices. You will experiment with a variety of lens-based media, historic and hybrid analogue-digital processes, photocollage, and photoetching.

Through the study of original photographs in our museum collection, students will learn to identify a wide range of materials, techniques and approaches to photography as well as place their own practice within contemporary and historical contexts.

Opportunities at Aberystwyth for joint honours students of Photography include:

- entry to the degree scheme directly from school or from an art foundation course
- the study of photography without having to demonstrate an aptitude for drawing and painting (as in the Photography pathway of BA Fine Art)
- superb photo-historical archives at our School's museum as well as the nearby National Library of Wales
- the study of two subjects, thereby widening your outlook, expanding your knowledge, acquiring an interdisciplinary skill set, and enhancing your employability.

### Employability

On completion of this degree, you will emerge with real world capabilities, enabling you to pursue careers as photographers, curators, and educators. Our graduates are professional photographers, university educators, secondary school teachers, art gallery managers, and exhibition curators.

### Key Facts

 <b>Degree type:</b> BA	 <b>Assessment weighting:</b> 100% coursework.	 <b>You can study this course (as a major/minor degree) with:</b> Art History, Creative Writing, Education, English Literature, and Film and Television Studies. Please see p.20.
 <b>Duration:</b> 3 years.	 <b>Study abroad opportunities:</b> Yes.	
 <b>Typical offer:</b> UCAS tariff points: 120-96 plus satisfactory portfolio <b>IB:</b> 30-26 overall plus satisfactory portfolio.	 <b>Field trips/fieldwork:</b> Yes.	
	 <b>Related courses:</b> Art History p.40, Creative Arts p.41.	

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Photographic Practice I: Presence/Place
- Photographic Practice II: Identity/Face
- Photography Begins: European Genius and the Birth of New Aesthetic.

Plus 60 credits from your other Joint Honours subject

### Second year:

- Photographic Practice III: Out of the Dark
- Photographic Practice IV: Documents and Narratives
- Documentary Photography.

Plus 60 credits from your other Joint Honours subject

### Third year:

- Photography V: Self-directed Practices
- Exhibition: Graduation Show.

Plus 60 credits from your other joint honours subject



# Biological Sciences

## Our courses...

Animal Behaviour	p.48	Life Sciences	p.57
Animal Science	p.50	Marine and Freshwater Biology	p.58
Biochemistry	p.51	Microbiology	p.60
Biology	p.52	Plant Biology	p.61
Biology and Climate Change	p.53	Veterinary Biosciences	p.62
Ecology	p.54	Wildlife Conservation	p.63
Genetics	p.55	Zoology	p.64
Genetics and Biochemistry	p.56	Integrated Masters	p.65

**TOP 10 IN THE UK**  
for Teaching Quality and  
Student Experience in the  
subject of Biological Sciences

*(The Times and Sunday Times, Good University  
Guide 2020)*

Biological Sciences at Aberystwyth are taught within the Institute of Biological, Environmental and Rural Sciences (IBERS), a world-class institute whose research is contributing 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 ecosystems. Our researchers are also your lecturers, ensuring that you are taught by experts in their fields.

# Animal Behaviour

## BSc (Hons)

Aberystwyth is a great place to explore the behaviours of wild and domesticated animals. Accessible nearby habitats enable the observation of a diverse range of charismatic wild animal species, whilst domesticated species are housed in our own farms, equine centre, and aquarium facilities. Many of our teaching staff are active researchers, investigating the ecology and evolution of behaviour, or its neurobiological mechanisms.

Our Animal Behaviour degree will equip you with an intricate understanding of animal behaviour, firmly grounded within a broader understanding of the biological sciences. You will develop scientific, observational, and analytical skills needed to understand animal behaviour, and will apply those skills through practical study of vertebrate and invertebrate animals in a range of natural and captive environments, and laboratory settings. Teaching by practising veterinary surgeons will help you to apply your understanding of animal behaviour to the field of animal health and welfare.

Students studying Animal Behaviour at Aberystwyth will enjoy:

- aquarium facilities for the study of fish and aquatic invertebrates, a beech woodland hosting over 200 bird nest boxes, and our collection of historic biological specimens
- visits to study animals in captive and natural environments, such as the nearby Dyfi Estuary, an important overwintering site for migratory birds
- innovative, technology-enhanced teaching by active researchers and practising veterinarians.

### Employability

As a graduate of Animal Behaviour, you will be well prepared for a successful career in environmental education, research science, conservation, animal welfare, or ecological consultancy. An understanding of the principles of animal behaviour is also valuable in human resources, marketing and general management.

### Key facts

	<b>Degree type:</b> BSc
	<b>UCAS Code:</b> C120 (C122 with integrated year in industry).
	<b>Duration:</b> 3 years (C122 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.

	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Biological Thought and Discovery
- Comparative Animal Physiology
- Disease Diagnosis and Control
- Ecology\*
- Evolution and the Diversity of Life
- Study and Communication Skills\*
- Wildlife Forensics.

### Second year:

- Ethology
- Research Methods\*
- Vertebrate Organisms
- Veterinary Health
- Behavioural Ecology.

### Final year:

- Research Project\*
- Behaviour and Welfare of Domesticated Animals
- Advanced Animal Behaviour.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



	<b>Related courses:</b> Animal Science p.50, Biology p.52, Life Sciences p.57, Veterinary Biosciences p.62, Zoology p.64.
	<b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme, see p.57.



Students observing wildlife at the RSPB Ynys-hir nature reserve, near Aberystwyth.

# Animal Science

## BSc (Hons)

On our Animal Science degree, you will study the applied science relating to domesticated animals, including farm animals, horses and companion animals. As the home of the only Veterinary School in Wales (Aberystwyth School of Veterinary Science), we have excellent facilities to support your studies, including commercially-run university farms, an equine teaching centre, and a range of teaching and research laboratories. Our teaching staff are also active researchers in areas such as veterinary infectious diseases, nutrition, reproduction, behaviour, and more.

During your studies you will develop an understanding of the key biology relating to domesticated animal health, including anatomy, physiology, nutrition, disease diagnosis, and behaviour. You will also be able to develop a special interest in either livestock science, equine science, or behavioural science, by selecting one of the degree's three pathways. Your academic understanding will be firmly grounded within the practical and applied context of animal science, and further enhanced by guest lecturers from different areas of the animal science industry.

Specialist opportunities at Aberystwyth for Animal Science students include:

- Year in industry option (D307) giving you the opportunity to develop key skills for working in the Animal Science sector
- ability to specialise in either Equine, Behavioural or Livestock pathways
- teaching through a mix of practical classes, field trips, small-group tutorials, and interactive lectures that will give you a firm grasp of the subject.

### Employability

Graduates from this degree will be well-prepared for professional roles applying scientific insights to practical problems in animal science, within private and public organisations, advisory and consultancy services, welfare law enforcement, as well as animal feed, animal breeding and pharmaceutical industries.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> D306 (D307 with integrated year in industry).
 <b>Duration:</b> 3 years (D307 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

 <b>Related courses:</b> Agriculture with Animal Science p.33, Animal Behaviour p.48, Biology p.52, Equine and Veterinary Bioscience p.110, Equine Science p.111, Life Sciences p.57, Veterinary Biosciences p.62, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Applied Animal Biology\*
- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Disease Diagnosis and Control
- Equine Anatomy and Physiology
- Equine Exercise Physiology
- Microbial Diversity\*
- Introduction to Livestock Production Systems\*
- Study and Communication Skills\*.

### Second year:

- Animal Breeding: Genetics and Reproduction
- Applied Nutrition of Livestock, Horses and Companion Animals\*
- Immunology
- Research Methods\*
- Veterinary Health.

### Final year:

- Research Project\*
- Veterinary Infectious Diseases
- Veterinary Pharmacology and Disease Control.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

# Biochemistry

## BSc (Hons)

During your Biochemistry degree at Aberystwyth, you will examine the structure and functions of the molecules that make up a cell and understand the way in which they interact in living processes. Our lecturers are active researchers, with first-hand experience of drug discovery, or investigation of diagnostic techniques, active synthesis of compounds, and more.

Our Biochemistry degree places special emphasis on the practical skills required by employers in the pharmaceutical and biotechnology industries. During your studies, you will explore the techniques that have revolutionised the study of cell biology, biological chemistry, metabolism, and molecular genetics, through expert tuition in scientific protocol and hands-on lab work. You will also work on tasks designed to emulate the requirements of professional practice in biochemistry.

Specialist opportunities at Aberystwyth for Biochemistry students include:

- application of molecular techniques including DNA extraction, sequencing and analysis
- gel electrophoresis for the separation and functional analysis of proteins
- biophysical characterisation of enzyme-catalysed reaction kinetics and thermodynamics
- extensive research and teaching labs equipped with the latest equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms.

### Employability

As a graduate of this degree, you will have developed the skill set needed to work safely and independently in both research and industrial laboratory environments. As such, you will be well-prepared for careers in the pharmaceutical and biotechnology industries. Many of our graduates also follow careers in education, or pursue further studies at Masters or PhD level.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C700 (C701 with integrated year in industry).
 <b>Duration:</b> 3 years (C701 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Chemistry or equivalent. IB: 30-28 overall with 5 points in Chemistry at Higher Level.
 <b>Study abroad opportunities:</b> Yes.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Related courses:</b> Biology p.52, Biochemistry p.51, Genetics p.55 Genetics and Biochemistry p.56, Life Sciences p.57, Microbiology p.60, Veterinary Biosciences p.62.
 <b>Field trips/fieldwork:</b> No (except as part of selected research projects).

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Comparative Animal Physiology
- Evolution and the Diversity of Life
- Exploring Genetics
- Metabolism
- Microbial Diversity\*
- Molecular Biochemistry
- Molecular Laboratory Skills
- Study and Communication Skills\*
- The Green Planet\*.

### Second year:

- Applied Molecular Biology and Bioinformatics
- Cell and Cancer Biology
- Practical Skills for Biochemists
- Proteins and Enzymes
- Research Methods\*.

### Final year:

- Research Project\*
- Molecular Pharmacology
- Bioinformatics and Functional Genomics
- Biotechnology.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.
 In addition, we offer a four year <b>Integrated Masters scheme</b> (see p.65), which you can opt to enter directly. Successful students on the BSc scheme will be able to transfer to the four year Integrated Masters scheme at the end of their second year.

# Biology

## BSc (Hons)

The Institute of Biological, Environmental and Rural Sciences (IBERS) is a world-leading biological sciences department, whose researchers investigate global challenges such as food security, health and well-being, bioenergy and sustainability, and the impacts of climate change. Our wealth of facilities supports teaching and research in these diverse areas, and we are surrounded by stunning natural habitats and charismatic species.

On our Biology degree, you will study biology on all scales, ranging from environmental, to whole organism, and cellular. You will focus on the sequencing of whole genomes, analysis of their evolution, and investigation of individual gene function, using cutting-edge analytical approaches. On this degree, you'll also consider the ethical dilemmas being posed by advances in biological knowledge, for example, in controversial disease treatments or reproductive medicine. Our aim is to develop your knowledge and experimental skills as well as to encourage you to think independently, creatively and critically.

Specialist opportunities at Aberystwyth for Biology students include:

- application of molecular techniques including DNA extraction, sequencing and analysis
- extensive research and teaching labs equipped with the latest state-of-the-art equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms
- advanced analytical expertise in bioinformatics, GIS, climate niche modelling and epidemiology supported by access to high-performance computing facilities.

### Employability

Recent graduates have entered employment with education authorities, the Environment Agency, conservation organisations, pharmaceutical companies, the National Health Service, sea life centres, public health laboratories, and the water industry, to give a few examples.

### Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> C100 (C102 with integrated year in industry).
	<b>Duration:</b> 3 years (C102 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

	<b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Biochemistry p.51, Biology p.52, Biomedical Sciences p.192, Ecology p.54, Genetics p.55, Genetics and Biochemistry p.56, Human Biology and Health p.193, Life Sciences p.57, Marine and Freshwater Biology p.58, Microbiology p.60, Plant Biology p.61 Veterinary Biosciences p.62, Wildlife Conservation p.63, Zoology p.64.
	<b>You can also gain entry to this course through our C101 Biology with integrated Foundation Year programme. This shares modules with our C990 Life Science course (see p.57).</b>

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Ecology\*
- Evolution and the Diversity of Life
- Exploring Genetics
- Metabolism
- Microbial Diversity\*
- Molecular Laboratory Skills
- Study and Communication Skills\*
- The Green Planet\*.

### Second year:

- Chromosome Dynamics
- Climate Change: Plants, Animals and Ecosystems
- Evolution and Molecular Systematics
- Research Methods\*.

### Final year:

- Research Project\*
- Biotechnology
- Frontiers in Plant Science.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

### Accredited by:



	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	In addition, we offer a four year <b>Integrated Masters scheme</b> (see p.65), which you can opt to enter directly. Successful students on the BSc scheme will be able to transfer to the four year Integrated Masters scheme at the end of their second year.

# Biology and Climate Change

## BSc (Hons)

This degree addresses one of the key challenges of contemporary living, namely climate change and its impacts on life on our planet. One of the distinctive features of this innovative degree is that cohorts of students from different departments (International Politics, Business, and English and Creative Writing) will work in interdisciplinary learning communities. Students will come together across disciplinary boundaries to identify and communicate the challenges, responses and solutions to climate change, both within and beyond their own subject areas.

The degree explores creative ways of responding to the challenges and opportunities of the current climate crisis, and will equip students with relevant subject specific knowledge alongside the multi-disciplinary, interpersonal skills and attributes needed to create a more just and sustainable world. If your trajectory involves having a positive impact on your world, this scheme will set you securely on that rewarding journey.

In this degree, you will learn about the science underpinning climate, and how humans have changed these processes in recent times. You will explore the impacts of climate change on biodiversity at the level of species, habitats, and ecosystems, and the scope for organisms and populations to evolve in the light of this threat. By working across disciplines, you will learn the need for both scientific research and governance in tackling these important issues.

Specialist opportunities at Aberystwyth for Biology and Climate Change students include:

- the great variety of local habitats and ecosystems both marine and terrestrial and ideal locations to study the impacts of climate change on biodiversity, and the scope for mitigation
- the chance to carry out field research, both locally and abroad
- an opportunity to work with established academic researchers who work on various aspects of the past, present and future effects of global change on natural ecosystems.

### Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> FC71
	<b>Duration:</b> 3 years (FC72 & FC7F is 4 years).

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.
	<b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- The Science of Climate
- The Biosphere
- Introduction to Conservation
- The Green Planet
- Evolution and Diversity of Life
- Ecology
- Microbial Diversity
- Study and Communication Skills\*
- Climate Change: Impacts, Perceptions, Adaptations.

### Second year:

- Climate Change: Plants, Animals and Ecosystems
- The Governance of Climate Change
- Research Methods\*.

### Final year:

- Research Project\*
- Global Biodiversity Conservation.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

### Employability

Graduates could pursue a career in climate change management, adaptation and mitigation and careers in related areas, such as environmental education and consultancy or conservation.

	<b>Field trips/fieldwork:</b> Yes.
	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.

# Ecology

## BSc (Hons)

Due to the urgent need to document, understand, and ultimately prevent the decline of biodiversity, graduate ecologists are in high demand. This degree aims to provide you with the academic knowledge and practical skills to meet this demand.

On our Ecology degree, you will study the interactions between organisms and their environment, building the essential foundation on which to develop your understanding of how wildlife will respond to current and future environmental threats, including pollution, climate change, invasive species, and habitat destruction. Our aim on this degree is to train you to be part of the next generation of ecologists who will respond to environmental threats, identify solutions, and help conserve biodiversity into the future.

Specialist opportunities at Aberystwyth for Ecology students include:

- studying in an area rich in a variety of stunning landscapes, providing natural and semi-natural habitats and ecosystems including the Cardigan Bay coastline, freshwater environments, woodlands, heaths, moorland and alpine habitats
- engagement with local fieldwork using a wealth of local habitats; also the potential for international field experience, which in the past has included possible trips to the Swedish Arctic and the tropical rainforests of Borneo
- many nature reserves within easy reach, including Snowdonia and Brecon Beacons National Parks
- established links with the British Trust for Conservation Volunteers, National Botanic Garden of Wales, Natural Resources Wales, Snowdonia National Park Authority, RSPB and various wildlife and woodland trusts.

### Employability

Many of our graduates find employment in conservation and environmental protection, or in environmental education in schools, colleges, or nature reserves. Our graduates can be found working for organisations such as DEFRA, the Environment Agency, Natural Resources Wales, Natural England, ADAS, Forestry Commission, wildlife trusts, the Wales Environment Link, the National Grid, and water authorities.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C180 (C181 with integrated year in industry).
 <b>Duration:</b> 3 years (C181 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Foundations for Life
- Comparative Animal Physiology
- Ecology\*
- Evolution and the Diversity of Life
- Study and Communication Skills\*
- Introduction to Conservation
- The Biosphere
- The Development and Management of British Habitats
- The Green Planet\*
- Microbial Diversity\*
- Exploring Genetics.

### Second year:

- An Introduction to Landscape Ecology and Geographic Information Systems
- Climate Change: Plants, Animals and Ecosystems
- Ecological Surveying\*
- Research Methods\*.

### Final year:

- Research Project\* or Critical Review\*
- Environmental Protection, Law, Sustainability and Consultancy
- Population and Community Ecology.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

### Accredited by:



 <b>Related courses:</b> Animal Behaviour p.48, Biology p.52, Life Sciences p.57, Marine and Freshwater Biology p.58, Plant Biology p.61, Wildlife Conservation p.63, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Genetics

## BSc (Hons)

Our Genetics degree capitalises on the Institute of Biological, Environmental, and Rural Sciences' long-established strengths in genetics research. The Institute houses facilities for DNA sequencing, bioimaging, the National Plant Phenomics Centre, and high-performance computing for bioinformatics. Staff with expertise in these approaches will guide your learning on the Genetics degree.

As a Genetics graduate, you will be able to contribute in a well-informed way to the most current topics in the sphere of genetics. The course content ranges from the fundamentals of evolution to the frontiers of modern genetics, including medical genomics and bioinformatics. You will study cancer biology, chromosome genetics, gene expression and development, evolution and population genetics, and biotechnology. You'll also receive tuition in scientific protocol and the correct scientific procedures for recording, interpreting, and reporting data.

Specialist opportunities at Aberystwyth for Genetics students include:

- application of molecular techniques including DNA manipulation, sequencing and analysis
- access to extensive research and teaching labs equipped with the latest state-of-the-art equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms.

### Employability

Our Genetics degree will provide you with plenty of hands-on lab work, and thus the skills to take up a professional career in genetics within healthcare, industry, or universities. Potential opportunities include biotechnology, forensic research, clinical genetics, biomedical genetics, genetic counselling, conservation genetics, and plant breeding. This scheme also frequently leads to postgraduate research at Masters and PhD level.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C400 (C401 with integrated year in industry).
 <b>Duration:</b> 3 years (C401 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes (as part of selected Research Projects, or optional module choices).

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Ecology\*
- Evolution and the Diversity of Life
- Exploring Genetics
- Metabolism
- Microbial Diversity\*
- Molecular Laboratory Skills
- Study and Communication Skills\*
- The Green Planet\*.

### Second year:

- Applied Molecular Biology and Bioinformatics
- Cell and Cancer Biology
- Chromosome Dynamics
- Evolution and Molecular Systematics
- Research Methods\*.

### Final year:

- Research Project\*
- Bioinformatics and Functional Genomics
- Biotechnology
- Molecular Biology of Development.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

### Accredited by:



 <b>Related courses:</b> Animal Science p.50, Biochemistry p.51, Biology p.52, Genetics and Biochemistry p.56, Life Sciences p.57, Microbiology p.60, Plant Biology p.61, Veterinary Biosciences p.62, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Genetics and Biochemistry

## BSc (Hons)

This degree explores the interface between Genetics with its almost limitless potential to help understand human health and disease, evolution, and the diversity of living things. Biochemistry provides a mechanistic understanding of how genes dictate the biology of an organism.

Hallmarks of this degree are the close integration of genetics and biochemistry to understand the molecular genetics of health and disease, and the prioritisation of the practical skills in demand by research and industry. During your studies, you will develop a solid foundation of understanding in genetics and biochemistry, covering aspects such as human genetics, gene expression, developmental and cancer biology, biotechnology, genetic engineering, and pharmacology. You will also receive tuition in scientific protocol and the correct experimental methodology for recording, interpreting, and reporting a variety of data. At the conclusion of your studies, you will have developed the skills needed to work in a range of professional laboratory environments.

Specialist opportunities at Aberystwyth for Genetics and Biochemistry students include:

- application of molecular techniques including DNA extraction, sequencing and analysis
- gel electrophoresis for the separation and functional analysis of proteins
- biophysical characterisation of enzyme-catalysed reaction kinetics and thermodynamics
- extensive research and teaching labs equipped with the latest equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms.

### Employability

This scheme offers you an avenue into employment in the growth areas of biomedicine, forensic science, DNA profiling (of humans, animals and plants), clinical cytogenetics and genetic counselling, biotechnology and food production.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> CC47 (CC48 with integrated year in industry).
 <b>Duration:</b> 3 years (CC48 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Chemistry or equivalent. <b>IB:</b> 30-28 overall with 5 points in Chemistry at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes (as part of selected research projects, or optional module choices).

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Comparative Animal Physiology
- Evolution and the Diversity of Life
- Exploring Genetics
- Metabolism
- Microbial Diversity\*
- Molecular Biochemistry
- Molecular Laboratory Skills
- Study and Communication Skills\*
- The Green Planet\*.

### Second year:

- Applied Molecular Biology and Bioinformatics
- Cell and Cancer Biology
- Chromosome Dynamics
- Practical Skills for Biochemists
- Proteins and Enzymes
- Research Methods\*.

### Final year:

- Research Project\*
- Biotechnology
- Molecular Biology of Development
- Bioinformatics and Functional Genomics.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

### Accredited by:



 <b>Related courses:</b> Animal Science p.50, Biochemistry p.51, Biology p.52, Genetics p.55, Life Sciences p.57, Microbiology p.60 Plant Biology p.61, Veterinary Biosciences p.62, Zoology p.64
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Life Sciences

## BSc (Hons)

The Life Sciences foundation year is specifically designed to provide you with an alternative route into higher education to study one of our biological sciences degrees. You may be eligible for this scheme if you are qualified to enter higher education but do not have the relevant qualifications in science at A Level (or equivalent), if you come from a non-traditional academic background, or if you have not yet achieved your full academic potential.

The Life Sciences foundation year is taught by staff from within the Institute of Biological, Environmental and Rural Sciences, and consists of a fully integrated programme of lectures, practicals, workshops and tutorials in biology and associated subjects. This course will give you a solid foundation in a range of scientific disciplines including biochemistry, botany, cell biology, ecology, evolution, genetics, microbiology, zoology, study skills, and biological field and laboratory techniques. At the conclusion of the foundation year, you will have developed the knowledge and skills needed to progress into the first year of one of our degree schemes.

### Employability

The Life Sciences foundation year provides a route into higher education, and through it a range of exciting opportunities for employment and further training. Depending on your chosen discipline, you will be a strong candidate for work as a research scientist, a conservation officer, a higher education lecturer or secondary school teacher.

### Key facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> Modules in the foundation year are assessed either 70% by coursework and 30% by exam, or 100% by coursework.	 <b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Biochemistry p.51, Biology p.52, Biomedical Sciences p.192, Ecology p.54, Equine and Veterinary Bioscience p.110, Equine Science p.111, Genetics p.55, Human Biology and Health p.193, Marine and Freshwater Biology p.58, Microbiology p.60, Plant Biology p.61, Veterinary Biosciences p.62, Wildlife Conservation p.63, Zoology p.64.
 <b>UCAS Code:</b> C990.	 <b>Field trips/fieldwork:</b> Yes.	
 <b>Duration:</b> 4 years.	 <b>The Integrated Foundation Years of both C101 Biology and C60F Sports and Exercise Science</b> share the same foundation year modules as our C990 Life Science course. Once this foundation year is successfully completed, you will progress to first year of your chosen degree.	
 <b>Typical offer:</b> Available to candidates with GCSEs (grade C/4 or above) in science, English/Welsh and Maths (or equivalent). However, we will also consider applicants without formal qualifications but who can demonstrate suitable experience and motivation.		

## Modules

Core modules you may study in your foundation year include:

- Communication Skills
- Molecules and Cells
- Organisms and the Environment
- Practical Skills for Biologists.

The modules you will study after your first year are determined by the degree subject you select. For an indication of the modules available, see the relevant degree pages in this prospectus, visit our website, or contact us.

# Marine and Freshwater Biology

## BSc (Hons)

Situated on the coast of Cardigan Bay, Aberystwyth is one of the best places in which to study Marine and Freshwater Biology. Our students have easy access to rocky and sandy shores, estuaries of conservation importance, as well as near-pristine rivers and lakes. Cardigan Bay is also home to the largest residential population of bottlenose dolphins in the UK.

Our Marine and Freshwater Biology degree is one of only a few nationally to provide you with an integrated catchment to ocean understanding of the biology, ecology, and stressors affecting these intimately interconnected ecosystems. This is crucial, given that they support some of the most threatened species and habitats on the planet. On this course you will develop skills in the critical analysis of data and literature, and the presentation of your findings to a variety of stakeholders, ensuring you are well-prepared for professional roles that seek to understand and address the various challenges facing marine and freshwater organisms and ecosystems.

Specialist opportunities at Aberystwyth for Marine and Freshwater Biology students include:

- residential field courses allowing you to immerse yourself in the study of marine and freshwater biology further afield
- two research vessels to get real hands-on experience of the sampling techniques used by professional marine and freshwater biologists
- aquarium systems for experimental studies of marine and freshwater organisms.

### Employability

Marine and Freshwater Biology graduates are equipped with the skills and knowledge to enter a wide range of careers including ecological consultancy, environmental management and conservation, teaching and scientific journalism.

### Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> C164 (C166 with integrated year in industry).
	<b>Duration:</b> 3 years (C166 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.
	<b>Study abroad opportunities:</b> Yes.

	<b>Field trips/fieldwork:</b> Yes.
	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Related courses:</b> Animal Behaviour p.48, Biology p.52, Ecology p.54, Life Sciences p.57, Marine and Freshwater Biology p.58, Microbiology p.60, Plant Biology p.61, Wildlife Conservation p.63, Zoology p.64.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Comparative Animal Physiology
- Ecology\*
- Evolution and the Diversity of Life
- Microbial Diversity\*
- Study and Communication Skills\*
- The Green Planet\*
- Wildlife Forensics.

### Second year:

- Applied Aquatic Conservation
- Aquatic Botany
- Freshwater Biology
- Marine Biology
- Research Methods\*.

### Final year:

- Research Project\*.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



	<b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.
	In addition, we offer a four year <b>Integrated Masters scheme</b> (see p.65), which you can opt to enter directly. Successful students on the BSc scheme will be able to transfer to the four year Integrated Masters scheme at the end of their second year.



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

# Microbiology

## BSc (Hons)

On our Microbiology degree you will explore the organisms that are too small to be visible to the naked eye. These include viruses, bacteria, protists, and fungi. Microorganisms are essential to our understanding of life on Earth; they impact on human and animal disease, food production and spoilage, and are central to global nutrient cycles.

The study of microbiology requires expertise in immunology, genetics, biochemistry, cell biology, and research methods, and we'll train you in these throughout your degree. You will learn about worldwide concerns such as antimicrobial resistance and emerging pathogens, as well as the beneficial use of microbes in biotechnology for food production and agriculture. Throughout the course there is strong focus on practical training in microbiological and molecular techniques, which will prepare you for a future career as a professional scientist. There are practical modules in year one and two and an advanced Research Project makes up one-third of the final year.

Specialist opportunities at Aberystwyth for Microbiology students include:

- extensive research and teaching labs equipped with the latest facilities for bioimaging, flow cytometry, lab scale to pilot plant fermentation, and extreme experimental environments
- application of molecular techniques including DNA extraction, sequencing and analysis
- research-active teaching staff with expertise in microbiology including bioterrorism, animal-microbe interactions, epidemiology, biofuels, brewing, and extreme environment microbiology.

### Employability

Our Microbiology degree will provide you with the skills to enter a career in healthcare, industry, or education. Recent graduates have been employed by laboratory supplies companies in development or sales roles, and have entered the biotechnology sector, or teacher training.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C500 (C502 with integrated year in industry).
 <b>Duration:</b> 3 years (C502 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.
 <b>Field trips/fieldwork:</b> Yes (as part of selected Research Projects, or optional module choices).

 <b>Study abroad opportunities:</b> Yes.
 <b>Related courses:</b> Animal Science p.50, Biochemistry p.51, Biology p.52, Genetics p.55, Genetics and Biochemistry p.56, Life Sciences p.57, Marine and Freshwater Biology p.58, Microbiology p.60, Plant Biology p.61, Veterinary Biosciences p.62, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Ecology\*
- Evolution and the Diversity of Life
- Exploring Genetics
- Metabolism
- Microbial Diversity\*
- Molecular Laboratory Skills
- Study and Communication Skills\*
- The Biosphere.

### Second year:

- Environmental Microbiology and Monitoring\*
- One Health Microbiology
- Practical and Professional Skills in Microbiology\*
- Research Methods\*.

### Final year:

- Research Project\*
- Biotechnology
- Microbial Pathogenesis.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



# Plant Biology

## BSc (Hons)

Excellent career opportunities await Plant Biology graduates, and our Institute of Biological, Environmental and Rural Sciences (IBERS) is an ideal place for the first step in your career. We host internationally acclaimed plant breeding programmes for high-sugar grasses, plant genetics resources and databases, botany gardens, and the National Plant Phenomics Centre. Our campus is also set within beautiful and accessible countryside that hosts a range of habitats and species.

On this degree you will study all aspects of plant life, from the molecular to the landscape levels, whilst also examining global issues relating to plants. You will consider how plant-based technologies can help us meet the demands of a growing human population and respond to global threats including food security and climate change. The course will also provide you with real-life opportunities to challenge your knowledge and think creatively. You will benefit from many fieldwork opportunities, including the possibility of studying the flora of the Swedish Arctic and Borneo.

Specialist opportunities at Aberystwyth for Plant Biology students include:

- world-class facilities including botany gardens with a wide range of temperate and tropical plants, an extensive range of growth rooms and glasshouses, a museum of historic botanical specimens, and plant genetic resources collections and databases
- access to the National Plant Phenomics Centre and the possibility to engage with our world-leading plant breeding programmes
- beautiful habitats, including marine, moorland, mountain, woodland and grassland ecosystems, offering a fabulous variety of fieldwork and recreational opportunities.

### Employability

Career opportunities for Plant Scientists are truly excellent, with many jobs and few trained scientists in this area. Our Institute is perfectly placed to help you exploit UK and international links. Our graduates are working in conservation management, industrial and government-funded plant research institutes and the scientific civil service.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C200 (C202 with integrated year in industry).
 <b>Duration:</b> 3 years (C202 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Biochemistry and the Cellular Basis of Life
- Ecology\*
- Evolution and the Diversity of Life
- Exploring Genetics
- Microbial Diversity\*
- Molecular Laboratory Skills
- Soils and their Management
- Study and Communication Skills\*
- The Biosphere
- The Development and Management of British Habitats\*
- The Green Planet\*.

### Second year:

- Agronomy and Crop Improvement
- Climate Change: Plants, Animals and Ecosystems
- Ecological Surveying\*
- Research Methods\*.

### Final year:

- Research Project\*
- Frontiers in Plant Science
- Microbial Pathogenesis.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



 <b>Related courses:</b> Biochemistry p.51, Biology p.52, Ecology p.54, Genetics p.55, Genetics and Biochemistry p.56, Life Sciences p.57 Marine and Freshwater Biology p.58, Microbiology p.60, Wildlife Conservation p.63.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Veterinary Biosciences

## BSc (Hons)

Veterinary Biosciences capitalises on Aberystwyth's strength in the animal health sector, which has led to the establishment of the Aberystwyth School of Veterinary Science, the only Veterinary School in Wales. This degree is delivered by lecturers who research topics related to veterinary diseases and welfare, and by practising veterinary surgeons based at the Wales Veterinary Science Centre in Aberystwyth. We have large animal facilities through our commercially run university farms and specialist equine teaching centre, as well as a range of laboratories to ensure students gain relevant practical skills.

On this degree, you will combine modern molecular, cellular and physiological aspects to understand the biology of farm animals, pets, horses and wild animals. Your research-led perspective on veterinary health and disease will be integrated with an understanding of the realities of veterinary practice. Among many skills, you will learn to synthesise information from scientific literature, scrutinise data in terms of quality and quantity, respond to new data through laboratory investigation, and understand the implications of the findings for the veterinary field.

Specialist opportunities at Aberystwyth for Veterinary Biosciences students include:

- teaching from trained veterinary surgeons and world-class veterinary researchers
- practical experience involving animal handling at our equine centre and farms, with the latest scientific techniques taught in our modern laboratories
- successful completion of this degree provides opportunities to progress into a range of veterinary careers including veterinary science degree programmes.

## Key facts

 <b>Degree type:</b> BSc.	 <b>Study abroad opportunities:</b> Yes.
 <b>UCAS Code:</b> D906 (D907 with integrated year in industry).	 <b>Field trips/fieldwork:</b> Yes.
 <b>Duration:</b> 3 years (D907 is 4 years).	 <b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Biochemistry p.51, Biology p.52, Equine and Veterinary Biosciences p.110, Equine Science p.111, Life Sciences p.57, Microbiology p.60, Veterinary Science p.208, Zoology p.64.
 <b>Typical offer:</b> UCAS tariff points: 128-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.	 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.
 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.	

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Applied Animal Biology\*
- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Disease Diagnosis and Control
- Equine Anatomy and Physiology
- Microbial Diversity\*
- Molecular Laboratory Skills
- Study and Communication Skills\*.

### Second year:

- Animal Breeding: Genetics and Reproduction
- Immunology
- Research Methods\*
- Veterinary Health.

### Final year:

- Research Project\*
- Behaviour and Welfare of Domesticated Animals
- Veterinary Infectious Diseases
- Veterinary Pharmacology and Disease Control.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

## Employability

Veterinary Biosciences graduates are well-prepared for work in the animal health sector and inspired to tackle the challenges of the future, such as drug resistant pathogen evolution, the effects of intensified farming, and the care of aging companion animals. They are well suited to careers in a range of areas, including veterinary research, veterinary diagnostic laboratories, civil service, charity advocacy, teaching, as well as research in the pharmaceutical and agricultural industries. Many of our students studying this scheme aspire to study veterinary medicine.

# Wildlife Conservation

## BSc (Hons)

The remit of our Wildlife Conservation degree is to equip you with an intimate understanding of the ecological concepts that underpin the conservation of flora, fauna and habitats, on both local and global scales. The teaching team includes academic staff who research conservation issues to inform management and policy; and an array of interesting and important habitats provides the ideal natural classroom for the teaching of practical skills.

By studying Wildlife Conservation, you will learn about the ecological and evolutionary processes that have shaped key habitats, and the interactions between these habitats and the wildlife they support. You will also explore the political, financial and social forces that underlie wildlife conservation and environmental management. On these foundations you will recognise the importance of conserving biodiversity at a range of scales, from genetic diversity to entire biomes, and will develop the academic knowledge and practical skills to contribute to these priorities in your professional career.

Specialist opportunities at Aberystwyth for Wildlife Conservation students include:

- the great variety of local habitats, and access to national parks, national nature reserves, and Special Areas of Conservation (SACs) – an ideal location for studying all aspects of wildlife conservation and habitat management
- direct interaction with governmental and non-governmental conservation bodies, such as Natural Resources Wales and the RSPB, through visits and seminars
- the chance to carry out field research, both locally and abroad
- teaching delivered by expert academics who work closely with conservation bodies to inform and advise best-practice conservation, management and policy, both locally and on a global scale.

## Employability

Graduates of this degree will be well-placed to pursue career opportunities in conservation biology and management within the UK and abroad. In addition, students may opt to pursue careers in allied fields such as environmental education, or to undertake postgraduate study at Masters or PhD level.

## Key facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.	 <b>Related courses:</b> Animal Behaviour p.48, Biology p.52, Ecology p.54, Genetics p.55, Life Sciences p.57, Marine and Freshwater Biology p.58, Plant Biology p.61, Zoology p.64.
 <b>UCAS Code:</b> C183 (C184 with integrated year in industry).	 <b>Study abroad opportunities:</b> Yes.	 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.
 <b>Duration:</b> 3 years (C184 is 4 years).	 <b>Field trips/fieldwork:</b> Yes.	
 <b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.		

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Comparative Animal Physiology
- Ecology\*
- Evolution and the Diversity of Life
- Foundations for Life
- Introduction to Conservation
- The Biosphere
- The Development and Management of British Habitats\*
- Wildlife Forensics
- Study and Communication Skills\*
- The Green Planet\*.

### Second year:

- An Introduction to Landscape Ecology and Geographic Information Systems
- Research Methods\*
- Wildlife Management
- Zoo Science.

### Final year:

- Research Project\*
- Global Biodiversity Conservation
- Wildlife Conservation.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

# Zoology

## BSc (Hons)

Aberystwyth is a superb place to study animal life in all its diversity. Situated in a stunning location, an array of coastlines, estuaries, woodlands, and hills provide outstanding habitats for the study of wildlife within easy reach of Penglais campus. The wildlife includes rare insects, red kites, ospreys, pine martens and red squirrels. Cardigan Bay is renowned for its population of seabirds, grey seal, bottlenose dolphin, and harbour porpoise.

On our zoology course, you will develop your knowledge of animal diversity, behaviour, evolution, anatomy, physiology, conservation and ecology. You will learn transferable skills such as data collection and analysis, critical thinking and scientific reporting, applicable to a variety of professional careers in zoology and related disciplines. A hallmark of zoology at Aberystwyth is that many of our staff are internationally recognised researchers in zoology, meaning that you can be sure of a cutting-edge research-led perspective on your studies. The highlight of your degree will be your research project, in which you will conduct your own, independent zoological research programme, integrated within one of our research groups. Our zoology students also have the option to learn field skills in zoology, locally and overseas in hyper-diverse tropical rainforest environments such as the Amazon basin or Costa Rica.

Our Zoology students benefit from access to:

- the latest zoological techniques including molecular analyses, advanced microscopy and contemporary biodiversity assessment
- an array of internationally important habitats and species within the Aberystwyth area
- modern aquarium facilities for the study of marine and freshwater animals
- a natural history museum of zoological and botanical specimens.

### Employability

Our graduates have developed exciting careers with a wide range of employers including zoos, education authorities, conservation and animal welfare organisations, the Natural Environment Research Council, the Veterinary Laboratory Agency, and as wildlife documentary producers. Other zoology graduates have continued into veterinary school or pursued further study at Masters or PhD level.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C300 (C302 with integrated year in industry).
 <b>Duration:</b> 3 years (C302 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Biology/ Human Biology or equivalent. <b>IB:</b> 30-28 overall with 5 points in Biology at Higher Level.
 <b>Study abroad opportunities:</b> Yes.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Biochemistry p.51, Biology p.52, Ecology p.54, Genetics p.55, Life Sciences p.57, Marine and Freshwater Biology p.58, Microbiology p.60, Veterinary Biosciences p.62, Wildlife Conservation p.63, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Comparative Animal Physiology
- Ecology\*
- Evolution and the Diversity of Life
- Study and Communication Skills\*
- The Green Planet\*
- Wildlife Forensics.

### Second year:

- Invertebrate Zoology
- Ethology
- Evolution and Molecular Systematics
- Research Methods\*
- Vertebrate Zoology

### Final year:

- Research Project\*
- Behavioural Physiology
- Population and Community Ecology.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 In addition, we offer a four year <b>Integrated Masters scheme</b> (see p.65), which you can opt to enter directly. Successful students on the BSc scheme will be able to transfer to the four year Integrated Masters scheme at the end of their second year.

# Integrated Masters schemes

<b>MBiol Biochemistry (C709)</b>	<b>p.51</b>
<b>MBiol Biology (C109)</b>	<b>p.52</b>
<b>MBiol Marine and Freshwater Biology (C169)</b>	<b>p.58</b>
<b>MBiol Microbiology (C509)</b>	<b>p.60</b>
<b>MBiol Zoology (C309)</b>	<b>p.64</b>

Our Integrated Masters schemes offer you the opportunity to combine a BSc with an extra year of study, so that you will graduate with a masters level qualification. These degrees are designed to develop the breadth and depth of knowledge, and the competence and confidence in research methods, required to pursue a career as a professional scientist. All integrated masters schemes have attained advanced accreditation from the Royal Society of Biology.

During your masters level final year of study, you will have the opportunity to apply your subject-specific knowledge and understanding to a major, independent, scientific research project conducted in close collaboration with one of our institute's research groups. You will also study taught modules aimed to give you insight into the most current techniques and theories in the biological sciences. Together, these will develop essential skills required by today's professional scientists.

Specialist opportunities at Aberystwyth for our integrated masters students include:

- extensive research and teaching labs equipped with the latest equipment, including bioimaging facilities, high-throughput DNA sequencing, flow cytometry, lab scale to pilot plant fermentation, extreme experimental environments, and proteomics, metabolomics and spectroscopic platforms
- aquarium systems and extensive growth rooms to support marine, freshwater, and terrestrial organisms
- the opportunity to complete your Masters level research project embedded within one of several pioneering research groups.

### Key facts

 <b>Degree type:</b> MBiol.
 <b>Duration:</b> 4 years.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> See equivalent BSc degree.

 <b>Typical offer:</b> <b>C709 - UCAS tariff points:</b> 128-120 to include B in A level Chemistry and Biology. <b>IB:</b> 32-30 overall with 6 points in Chemistry and Biology at Higher Level. <b>C109, C169, C509, C309 - UCAS tariff points:</b> 128-120 to include B in A level Biology/ Human Biology. <b>IB:</b> 32-30 overall with 6 points in Biology at Higher Level.
--

## Modules

Core modules you may study in your final year comprise:

- MBiol Research Project
- Frontiers in Biosciences
- Field and Laboratory Techniques
- Research Methods in the Biosciences.

### Employability

Our integrated masters degrees have been specifically created to meet the increasing demand for suitably qualified personnel to work at high level in scientific research, development, lecturing, training and education, public and private commercial enterprise, consultancy and advisory work in the UK and throughout the world. The MBiol is also a recognised alternative to MSc for progression to a PhD studentship, and an excellent foundation for a career as a professional scientist.

### Accredited by:



 <b>Assessment weighting:</b> Modules in the Masters level final year are assessed 100% by coursework.
 <b>Related courses:</b> Biochemistry p.51, Biology p.52, Marine and Freshwater Biology p.58, Microbiology p.60, Zoology p.64.

# Business Studies

## Our courses...

Adventure Tourism Management	p.68
Business and Management	p.70
Business and Climate Change	p.71
Marketing	p.72
Digital Marketing* (*subject to approval)	p.73
Tourism Management	p.74
Foundation Year Options	p.75

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), the Tourism Management Institute (TMI), Chartered Management Institute (CMI) and we are also a nominated Gateway centre for the Chartered Institute of Marketing (CIM).

**97%** of our graduates were in work or further study within 6 months, 3% more than Business and Administrative Studies graduates nationally. (HESA 2018)

*(Higher Education Statistics Authority, 2018)*

## 2ND IN THE UK

for Teaching Quality and overall student satisfaction for the subject area of Marketing.

*(National Student Satisfaction Survey, 2019)*

## TOP 10 IN THE UK

for Teaching Quality for the subject of Business & Management Studies.

*(The Times and Sunday Times, Good University Guide 2020)*

# Adventure Tourism Management

## BSc (Hons)

Adventure Tourism is one of the fastest-growing sectors of the tourism industry. This is due to more diverse groups participating in such activities and modern society's increasing desire to escape the routine of everyday life.

In recent years there has been a growing number of activity providers and attractions responding to this market trend by offering adventure experiences. These range from small teaching and guiding operations in the outdoors e.g. surfing, climbing, biking or hiking to larger operators offering global expeditions or facility operators such as climbing walls and ziplines.

The BSc Adventure Tourism Management degree will equip you with the skills that you need to work in the sector both as employees and entrepreneurs. In addition to the fundamental content covered on the BSc Tourism Management degree scheme, you will also develop technical adventure activity skills in a discipline of your choice at either a personal or leadership level by accredited providers.

The tourism degree schemes are accredited by the Tourism Management Institute (TMI). This means that students can be confident that the course will provide them with knowledge, understanding, skills and experience which will fully prepare them for a career in Adventure Tourism Management.

A key feature of the degree scheme is that alongside classroom-based learning there are regular day and overnight field visits which enable you to explore tourism in practice as part of the learning process.

Finally, a wide range of student assessments including the production of business plans, web pages, field research, critical reviews, presentations and reflection develop your professional skills base and competence which are further complemented by the transferrable professional skills developed in other core modules.

## Key Facts

 **Degree type:** BSc.

 **UCAS Code:** N870.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96  
**IB:** 30-26 overall.

 **Assessment weighting:**  
40% coursework, 60% exams.

 **Study abroad opportunities:**  
Yes.

 **Field trips/fieldwork:** Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Principles of Tourism Management
- Marketing Principles and Contemporary Practice
- Fundamentals of Accounting and Finance
- Understanding the Economy
- Fundamentals of Management and Business
- Data Analytics.

### Second year:

- Destination and Attraction Management
- Adventure Tourism
- International Tourism in Practice
- Research Methods
- Activity Certification.

### Third year:

- Sustainable Tourism
- Tourism Development and Planning
- Dissertation
- Activity Certification.

## Accredited by:



 **Related courses:** Accounting and Finance p.24, Business and Management p.70, Business Economics p.25, Business Finance p.26, Economics p.27, Marketing p.72, Tourism Management p.74.



# Business and Management

## BSc (Hons)

The world of enterprise is constantly adapting and evolving. The impact of changes in the business environment in terms of economic events, changes in accounting practices, changes in the regulatory and legal environment, marketing decisions, and the development of business strategies can be the difference between success and failure for a company.

At Aberystwyth, you will learn how to respond to these events by developing your knowledge on essential elements of business including human resource management, organisational behaviour, business strategy and operations, marketing, and business data analytics.

Aberystwyth Business School's team of expert academics will develop your understanding of management in business, trade and commerce in both the public and private sectors.

During this course, you will develop awareness of the challenges facing management, and the combined impact of the economic, financial, human and legal issues that managers deal with on a daily basis. You will also develop the skills to analyse management issues in relation to company priorities, external factors, and current good practice.

Specialist opportunities at Aberystwyth for Business and Management students include:

- working with businesses in the local community and further afield to develop your practitioner skills to support your academic development
- learning from lecturers who have a wide range of business and management experience and research interests which are integrated into your learning.

### Employability

A degree in Business and Management will enable you to select from a diverse range of career options throughout business, industry and commerce, or working within the public sector. Many of our graduates are successful in finding employment in organisations including Goldman Sachs, PricewaterhouseCoopers, Marks and Spencer, and the Welsh Government.

### Key Facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>UCAS Code:</b> N122.	 <b>Study abroad opportunities:</b> Yes.
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> Yes.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.	 <b>Related courses:</b> Accounting and Finance p.24, Business Finance p.26, Economics p.27, Marketing p.72, Tourism Management p.74.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Fundamentals of Management and Business
- Marketing Principles and Contemporary Practice
- Understanding the Economy
- Fundamentals of Accounting and Finance
- Data Analytics.

#### Second year:

- Marketing Management\*
- Human Resource Management
- Operations and Supply Chain Management
- Entrepreneurship and New Venture Creation
- Research Methods.

#### Third year:

- Strategic Leadership
- Digital Business, Leadership and Management
- Financial Strategy
- Organisational Psychology
- Dissertation.

\* also available partially or entirely through the medium of Welsh.

### Accredited by:



 **You can study this course (as a joint or major/minor degree) with:** Physics, Spanish, Welsh, French, German, Accounting and Finance, Economics, Marketing, Human Geography, Law, Mathematics and Modern Languages, please see p.20.

# Business and Climate Change

## BSc (Hons)

Our Planet is facing a climate emergency. Climate change is the greatest environmental challenge the world has ever faced. Man-made carbon emissions have resulted in unprecedented rises in global temperatures, which is having significant impacts on human, social, political, economic and natural systems. The relationship between climate change and society is highly complex; however, we have the knowledge and the technology to reduce our impact on the climate, and thus ease the pressures on the world's most vulnerable places, people and wildlife.

Businesses are a key contributor to greenhouse gas emissions, but they are also part of the solution. Climate change thus represents both a risk and an opportunity to business performance. Businesses that do not respond to the climate challenge are likely to face higher costs in terms of carbon taxes and a reduced customer base. In contrast, more progressive businesses, who adapt by decarbonising and developing green products, are likely to increase their financial, social, and environmental performance, their triple bottom line.

The degree in Business and Climate Change will prepare students to become future business leaders who tackle climate change head on through the development of meaningful corporate social responsibility strategies and practices. In this degree, you will combine knowledge of the science of climate change with the skills to lead a successful business. The degree explores creative ways for businesses to respond to the challenge and opportunities of the current climate crisis and will equip you with relevant subject-specific knowledge alongside the inter-disciplinary, interpersonal skills and attributes needed to create a more just and sustainable world. If your trajectory involves having a positive impact on your world, this degree will set you securely on that rewarding journey.

### Key Facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>UCAS Code:</b> FN71	 <b>Study abroad opportunities:</b> Yes.
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> Yes.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.	

### Modules

Below is an indicative description of the core modules that you may study on this course.

#### First year:

In your first year, you will develop a strong foundation of business subjects, including modules on data analytics, management, marketing, economics, accounting and finance. These will be combined with innovative modules that investigate the science of climate and the impacts, perceptions and adaptations to climate change.

#### Second year:

Your second year will further build on your knowledge of business management and will include modules on: human resource management, corporate governance, operations and supply chain management. You will also develop a deeper understanding of climate change issues through interdisciplinary modules on the governance of climate change. A research methods module will provide you with the analytical skills to integrate your knowledge from across different disciplines to address business responses to climate change. Finally, optional modules will allow you to develop specialist knowledge on business and climate change issues.

#### Third year:

Your final year will focus on further developing your business leadership skills with modules on strategic leadership and organisational psychology. You will also be able to choose from a wide range of Business Management and Climate Change modules to suit your learning and professional needs. Drawing on the knowledge that you have acquired throughout your studies, your final year dissertation will provide you with an opportunity to research in detail issues relating to how businesses are impacted by, or respond to, the challenges of the climate crisis.

# Digital Marketing

## BSc (Hons) (subject to approval)

Choosing to study the Digital Marketing degree at Aberystwyth Business School (ABS) ensures you will gain cutting-edge skills in disciplines such as customer acquisition, analytics, eCommerce strategy, digital (website) development, content marketing, digital CRM (customer relationship management), digital communications (including social media marketing), digital promotion and user experience. These areas are taught to you by industry practitioners and experienced academics aware of the precise and high demand for technical and market proficient graduates that this subject degree provides.

Digital Marketing is now fully integrated across all marketing disciplines and is established by contemporary theory and practice that is professionally applied to business and consumer audiences. The Digital Marketing degree at ABS ensures you fully understand the key models, frameworks, and methodologies inherent in this discipline and allows you to understand and synergise your learning to be applicable for the contemporary issues and challenges of the discipline.

In addition to the dynamic and vibrant subject material learned in the Digital Marketing degree our particular focus is to ensure content and learning outcomes address the contemporary skills shortage areas in the marketing industry which drive much of the graduate employment opportunities. Alongside the directly applicable skills outlined above you will also develop broader employability skills/competences that include innovative thinking, creative problem solving, experimental based approaches, team working, and audience centricity.

Aberystwyth Business School is an accredited Chartered Institute of Marketing (CIM) Graduate Gateway Centre, which means that you can study towards a CIM qualification whilst progressing through your degree, or gain exemptions for certain CIM Modules.

### Employability

Early career opportunities for Marketing graduates are heavily focussed in the digital domain. Digital Marketers innovate and shape business in a variety of ways and as a career choice the marketing profession remains diverse and financially rewarding. Recent graduates have gained employment in Acorn Digital (Shanghai), TravelPerk (Barcelona), Next, The Drum (London), McGregor Boyall (Manchester), Reckitt Benckiser, EE, and Aegis Network (London).

### Key Facts

 **Degree type:** BSc.

 **UCAS Code:** N590.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96  
**IB:** 30-26 overall.

 **Study abroad opportunities:** Yes.

 **Field trips/fieldwork:** Yes.

 **Related courses:** Accounting and Finance p.24, Business and Management p.70, Business Economics p.25, Business Finance p.26, Economics p.27, Tourism Management p.74.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Marketing Principles and Contemporary Practice
- Web Design
- Information Security
- Data Analytics
- Fundamentals of Management and Business
- Understanding the Economy
- Fundamentals of Accounting and Finance.

#### Second year:

- Web Design and the User Experience
- Programming for the Web
- Consumer and Buyer Behaviour
- Applied Brand Management
- Digital Research Methods
- Marketing Management.\*

#### Third year:

- Digital Marketing (Strategy)
- Digital Marketing Communications
- Digital Analytics
- Digital Marketing Dissertation
- Strategic Leadership.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



 **You can study this course (some as joint honours and some as major/minor degrees) with:** Accounting and Finance, Business and Management and Tourism Management, French, Spanish, German. Please see p.20.

# Marketing

## BSc (Hons)

Research shows the number one reason for a student to consider a marketing degree at Aberystwyth Business School (ABS) is to facilitate a successful business career. At ABS we regularly review student needs and cross reference them with what employers that take marketing graduates tell us they want. The result is a degree that is exciting, dynamic and above all applied and that leads to your graduation as a highly employable marketing professional.

Marketing is a dynamic and vibrant career choice full of innovation, creativity and data driven intuitive decision making. Most early stage marketing professionals migrate towards the digital arena and we make sure we equip you with the fundamental digital and traditional skills necessary to provide value to organisations from your first professional day. We do this by ensuring you get numerous industry perspectives in your marketing modules by introducing industry professionals to deliver guest lectures, and to assess some of your degree work. Through case study analysis, real-life scenarios, and fundamental marketing theory you will be involved in developing marketing strategies, tactical campaigns, and evaluating commercial marketing approaches on a stimulating course.

Aberystwyth University is an accredited Chartered Institute of Marketing (CIM) Graduate Gateway Centre. This enables you to graduate with dual awards, your BSc Marketing Degree and a level 4 or level 6 CIM qualification.

### Employability

The importance of marketing to business performance has never been greater. Marketers now innovate and shape business in a wide variety of ways such that becoming a professional marketer remains a diverse and fantastic career choice. Recent graduates have gained employment in organisations including the National Botanical Garden of Wales, Reckitt Benckiser (RB), EE, ONGTM, No1 Media, Clicky Media, McGregor Boyall and Ellis Whittam.

### Key Facts

 **Degree type:** BSc.

 **UCAS Code:** N500.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96  
**IB:** 30-26 overall.

 **Assessment weighting:**  
60% coursework, 40% exams.

 **Study abroad opportunities:** Yes.

 **Field trips/fieldwork:** Yes.

 **Related courses:** Accounting and Finance p.24, Business and Management p.70, Business Economics p.25, Business Finance p.26, Economics p.27, Tourism Management p.74.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Marketing Principles and Contemporary Practice
- Fundamentals of Management and Business
- Principles of Tourism Management
- Data Analytics
- Understanding the Economy
- Fundamentals of Accounting and Finance.

#### Second year:

- Marketing Management\*
- Consumer and Buyer Behaviour
- Marketing: Relationships and Customer Experience
- Applied Brand Management
- Research Methods.

#### Third year:

- Strategic Leadership
- Digital Marketing
- Marketing and Digital Marketing Communications
- Global Marketing
- Marketing Dissertation.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



 **You can study this course (some as joint honours and some as major/minor degrees) with:** French, Spanish, German, Accounting and Finance, Business and Management and Tourism Management. Please see p.20.

# Tourism Management

## BSc (Hons)

Tourism is one of the world's fastest growing and most exciting industries. It is made up of many providers including tourist attractions, destinations, hotels, airlines, activity providers and tour operators. The BSc Tourism Management degree aims to equip you with the academic and professional skills to undertake a variety of managerial roles in the sector.

By choosing to study at Aberystwyth Business School (ABS) you will explore the development, operation and impacts of both domestic and international tourism. Your studies will focus on contemporary issues facing the industry including changing market trends and the fast-growing adventure sector, challenges facing destinations, how to manage tourism in a more sustainable manner, and how to effectively market the sector using contemporary methods.

Our Tourism degree schemes are accredited by the Tourism Management Institute (TMI). This means that students can be confident the course will provide them with knowledge, understanding, skills and experience which will fully prepare them for a career in tourism Management.

A key feature of the degree scheme is that alongside classroom-based learning there are planned regular day and overnight field visits both in the UK and overseas which enable you to explore Tourism in practice as part of the learning process.

Finally, a wide range of student assessments including the production of a business plan, web pages, field research, critical reviews, presentations and reflection develop your professional skills base and competence which are further complemented by the transferable professional skills developed in other core modules.

## Key Facts

 <b>Degree type:</b> BSc.	 <b>Study abroad opportunities:</b> Yes.
 <b>UCAS Code:</b> N800.	 <b>Field trips/fieldwork:</b> Yes.
 <b>Duration:</b> 3 years.	 <b>Related courses:</b> Adventure Tourism Management p.68, Accounting and Finance p.24, Business and Management p.70, Business Economics p.25, Business Finance p.26, Economics p.27, Marketing p.72.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.	
 <b>Assessment weighting:</b> 40% coursework, 60% exams.	

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Principles of Tourism Management
- Fundamentals of Management and Business
- Marketing Principles and Contemporary Practice
- Data Analytics
- Understanding the Economy
- Fundamentals of Accounting and Finance.

### Second year:

- Destination and Attraction Management
- Adventure Tourism
- International Tourism in Practice
- Research Methods.

### Third year:

- Sustainable Tourism
- Tourism Development and Planning
- Tourism Marketing
- Dissertation.

## Accredited by:



# Business Foundation Year

## BSc (Hons)

The business foundation year is your entry route into a high quality, and outcome focused Aberystwyth Business School (ABS). We recognise that for some of our students to achieve their potential, a further and funded academic year is required. ABS recognises that many business foundation students are curious about the disciplines of business and management but that curiosity and enthusiasm requires development in different ways to a traditional first year cohort.

Studying a business foundation year will allow you to develop the academic skills necessary to successfully progress throughout your degree programme, be that in business, management, marketing, or tourism management and is specifically designed to help build confidence in academic writing and enquiry and to fully support a successful degree programme outcome.

Successful completion of the business foundation year means you will seamlessly join your preferred degree pathway with the same world class support, tutoring, mentoring, and career development opportunities that ABS is renowned for.

Course title	Course code
BSc Business Management with Foundation Year	N12F
BSc Economics with Foundation Year	L10F
BSc Marketing with Foundation Year	N50F
BSc Tourism Management with Foundation Year	N80F

## Accredited by:



## Key Facts

 <b>Degree type:</b> BSc.	 <b>Typical offer:</b> Available to those who are studying for, or have completed Level 3 qualifications (eg, A-Levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.
 <b>Duration:</b> 4 years.	 <b>Assessment weighting:</b> 40% coursework, 60% exams.
	 <b>Study abroad opportunities:</b> Yes.
	 <b>Field trips/fieldwork:</b> Yes.

# Computer Science

## Our courses...

Artificial Intelligence and Robotics	p.78
Business Information Technology	p.79
Computer Graphics, Vision and Games	p.80
Computer Science	p.81
Computer Science and Artificial Intelligence	p.82
Data Science	p.83
Robotics and Embedded Systems Engineering	p.85
Software Engineering	p.86
Web Development	p.87
Integrated Masters	p.89

From developing cameras for use in space missions, to developing better ways of screening cancers, our computer science lecturers are contributing to some of the most important events in our history. Many of our courses are accredited by The Chartered Institute for IT (BCS), and our four-year course options with integrated year in industry ensure that our graduates are highly sought by employers.

**TOP IN WALES**  
for the subject of Computer Science

*(The Times and Sunday Times, Good University Guide 2020)*

# Artificial Intelligence and Robotics

## BSc (Hons)

At Aberystwyth we'll help you to develop your knowledge of the underlying technologies, and the vocational skills involved with Artificial Intelligence and Robotics.

This degree will give you a firm understanding of computer architecture, programming and software design. You will also specialise in the theory of artificial intelligence and robotics, the development of practical applications and tools. This opens up many pathways for our graduates and creates a dynamic learning environment.

At Aberystwyth, our students have access to:

- a dedicated robotics laboratory
- a robotics workshop
- a range of specialised research equipment including electric cars, robotic rovers, sailing robots, robotic arms, UAVs.

### Employability

This degree provides the appropriate skills for any typical job in the software industry. Its particular emphasis also gives you a head start when applying for jobs in areas like industrial robotics or machine learning; medical robotics; programming of softbot applications for commercial problems; and intelligent robotic design and programming.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Problems and Solutions
- Professional and Personal Development\*
- Fundamentals of Web Development
- Information Security
- Programming Using an Object-oriented Language\*

### Second year:

- Artificial Intelligence
- C and C++
- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Robots and Embedded Systems
- Software Engineering\*

### Third year:

- Machine Learning
- Major Project\*
- Professional Issues in the Computing Industry
- Space Robotics
- Robotics Applications
- Ubiquitous Computing.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



## Key Facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> GH76 (GH7P with integrated year in industry).
	<b>Duration:</b> 3 years (GH7P is 4 years).

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
	<b>Assessment weighting:</b> 52% coursework, 48% exams.
	<b>Field trips/fieldwork:</b> Yes (Year 1 only).

	<b>Related courses:</b> Computer Science p.81, Computer Science and Artificial Intelligence p.82, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176.
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# Business Information Technology

## BSc (Hons)

In choosing to study this Business Information Technology degree you'll become skilled in the ways in which professionals apply technology to answer business problems.

With exposure to the key building blocks for business efficiency, including systems analysis, database applications, business environment, e-commerce and e-business systems, web programming and web tools, you will learn how to analyse business requirements and translate them into effective business systems.

On successful completion of the Business Information Technology degree you'll have amassed the range of core and essential skills and capabilities sought by employers of this discipline.

At Aberystwyth, our students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- modules on business processes, building websites, human-computer interaction (HCI), and e-commerce.

### Employability

Our graduates have a good understanding of the demands of the commercial world for computer systems and a professional approach to building those systems from standard database, web and office components. The scheme will provide an advantage when applying for jobs involving the creation of commercial systems using different tools and building blocks, using analytical techniques to introduce Information Technology (IT) into business problem-solving, providing database and web-enabled commercial solutions, and supporting IT users.

## Key Facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> G500 (G501 with integrated year in industry).
	<b>Duration:</b> 3 years (G501 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

	<b>Assessment weighting:</b> 63% coursework, 37% exams.
	<b>Field trips/fieldwork:</b> Yes (Year 1 only).
	<b>Related courses:</b> Computer Science p.81, Web Development p.87

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Information Security
- Fundamentals of Web Development\*.

### Second year:

- Business Systems Analysis
- Management Information Systems
- Modelling Persistent Data
- Programming for the Web
- Applied Graphics
- Software Engineering for the Web
- Web Design and the User Experience.

### Third year:

- Management of Organisations
- Web-based Major Project
- Applied Web Development
- E-Commerce: Implementation, Management and Security
- Professional Issues in the Computing Industry.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



*\*G500 & G501 only*

	This course is also available with an integrated foundation year (G50F), which provides a gentle introduction to computing focusing on basic skills.
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# Computer Graphics, Vision and Games

## BSc (Hons)

Our Computer Graphics, Vision and Games degree combines core computer science with the technical end of digital arts.

This scheme will give you a firm foundation in programming, software design and computer architecture; and you'll also specialise in digital arts. Our courses cover the technical side of understanding how images are created (computer graphics) and how machines can understand and interact with images (vision). You will also study video games, their design core algorithms and implementation.

At Aberystwyth our staff actively research in these crucial areas so they can confidently and passionately give you a sound grounding in the underlying technologies as well as vocational skills that include programming, software design, information search and query, data analysis and classification, and intelligent decision-making.

At Aberystwyth, our students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- use of research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems and a virtual reality (VR) laboratory
- lecturing staff who are active in computer vision research and specialise in the areas of this degree.

### Employability

Graduates of this degree will be particularly well-suited to jobs in games development, data analysis and classification, visualisation, image and video processing. You will also gain the knowledge needed for other roles in software design, systems analysis and development, communications and networking, web development and IT consultancy.

## Key Facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> G450 (G451 with integrated year in industry).
	<b>Duration:</b> 3 years (G451 is 4 years).

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
	<b>Assessment weighting:</b> 55% coursework, 45% exams.
	<b>Field trips/fieldwork:</b> Yes (Year 1 only).

	<b>Related courses:</b> Computer Science p.81 Software Engineering p.86.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Information Security
- Fundamentals of Web Development\*.

### Second year:

- Applied Graphics
- Artificial Intelligence
- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Software Engineering\*.

### Third year:

- Computer Graphics and Games;
- Computer Vision
- Machine Learning
- Major Project\*
- Professional Issues in the Computing Industry.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



# Computer Science

## BSc (Hons)

Computer Science covers a vast range of topics including programming, software design, and the engineering of large software systems, meaning it is our department's most flexible degree, providing core modules that are key for a career in computer science.

You will acquire specialist skills such as software engineering, graphics and visualisation, artificial intelligence, robotics, telematics, mobile computing, web development and open source computing, that are highly sought after by employers in this industry.

At Aberystwyth, our students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- core modules in computer science and a wide range of optional modules
- use of research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems.

### Employability

Our graduates and industrial year students are eagerly sought by employers. These include: the BBC, Google, Amadeus Germany GmbH, CAP Gemini, Ethos Digital Technology, Fidessa, Logica and Renishaw Plc. Example jobs entered include: analyst programmer, graduate software developer, IT officer, programmer, research assistant, software engineer, systems developer and website designer.

## Key Facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> G400 (G401 with integrated year in industry).
	<b>Duration:</b> 3 years (G401 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
	<b>Assessment weighting:</b> 57% coursework, 43% exams.
	<b>Study abroad opportunities:</b> Yes (G406).
	<b>Field trips/fieldwork:</b> Yes (Year 1 only).

	<b>Related courses:</b> Artificial Intelligence and Robotics p.78, Business Information Technology p.79, Computer Graphics, Vision and Games p.80, Computer Science and Artificial Intelligence p.82, Data Science p.83, Web Development p.87, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176.
	<b>You can study this course (as joint honours) with:</b> Mathematics, Physical Geography, Physics, and Welsh. Please see p.20.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Information Security
- Fundamentals of Web Development\*.

### Second year:

- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Software Engineering\*.

### Third year:

- Agile Methodologies
- Major Project\*
- Professional Issues in the Computing Industry.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



*\*G400, G409, G419 & G401 only*

	This course is also available with an integrated foundation year (G40F), which provides a gentle introduction to computing focusing on basic skills. Successful completion of this foundation year gives you the opportunity to progress onto our undergraduate degree schemes.
	This course is also available as a four-year MComp (G409) or five-year MComp with year in industry (G419) Integrated Masters. These degrees enable you to secure a loan for the full duration of your course, rather than having to fund a Masters degree separately. See p.89.

# Computer Science and Artificial Intelligence

## BSc (Hons)

In recent years, Artificial Intelligence (AI) techniques have become common place in industry, as a result, there is a strong demand for Computer Science graduates who have specialist training in Artificial Intelligence.

You will gain a firm foundation in computing skills such as programming, software design, and computer architecture.

You will also develop specialised skills in the area of artificial intelligence, and interaction with related areas of study such as intelligent agents in games programming and mobile computing to solve complex problems including analysis, design, solution choice and implementation. These skills are highly sought out by employers, equipping you for future success.

At Aberystwyth, our students have access to:

- a dedicated robotics laboratory
- modules including artificial intelligence (AI), algorithms and machine learning
- a range of specialised research equipment including electric cars, robotic rovers, sailing robots, robotic arms and flying robotic platforms.

### Employability

This degree provides the appropriate skills for any typical job in the software industry. It also gives you a head start when applying for jobs in application areas requiring autonomy or artificial intelligence; medical and/or bioinformatics tasks that require a good background in computational intelligence; programming of softbot applications for commercial/business problems; and design and implementation of intelligent controllers, such as those required in robotics.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Information Security
- Fundamentals of Web Development\*

### Second year:

- Artificial Intelligence
- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Software Engineering\*.

### Third year:

- Agile Methodologies
- Machine Learning
- Major Project\*
- Professional Issues in the Computing Industry.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



## Key Facts

<b>Degree type:</b> BSc.	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
<b>UCAS Code:</b> GG4R (GG47 with integrated year in industry).	<b>Assessment weighting:</b> 55% coursework, 45% exams.
<b>Duration:</b> 3 years (GG47 is 4 years).	<b>Field trips/fieldwork:</b> Yes (Year 1 only).

<b>Related courses:</b> Artificial Intelligence and Robotics p.78, Computer Science p.81, Data Science p.83, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176.
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# Data Science

## BSc (Hons)

Data Science is an exciting new discipline where computing and mathematics meet. Our Data Science degree addresses how we can make sense of the terabytes of information that our computers are collecting every day. It can be used to predict what people will want to buy or where we need to put more money into the National Health Service to make it more effective, for example.

Taught jointly by research-active academics in the department of Computer Science and the department of Mathematics to promote world-class ideas and stimulate learning, this degree gives you a strong grounding in the underlying theory of data science as well as the practical skills to be able to apply that theory in real-world data analytics.

We provide you with the underlying mathematical and statistical understanding and the practical computing skills needed to be able to design and carry out analysis of large sets of data, and to draw implications from the results, giving you the skills needed to succeed in this industry.

At Aberystwyth, our students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- modules from both departments that focus on dealing with patterns in data
- lecturers whose research specialties include statistics, data analysis and mathematical modelling.

### Employability

The shortage of skilled data scientists means that graduates in this area are expected to be in great demand over the next few years. Our graduates will have experience of both the statistics and the computer science needed by data scientists. The year in industry option on the degree means that you can finish your degree having already had a year's experience of working in data science, making you even more attractive to employers.

## Key Facts

<b>Degree type:</b> BSc.	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Maths. <b>IB:</b> 30-28 with 5 points in Maths overall.	<b>Field trips/fieldwork:</b> No.
<b>UCAS Code:</b> 7G73 (7G74 with integrated year in industry).	<b>Assessment weighting:</b> 34% coursework, 66% exams.	<b>Related courses:</b> Computer Science p.81, Mathematics p.162 Software Engineering p.86.
<b>Duration:</b> 3 years (7G74 is 4 years).		

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Algebra\*
- Calculus\*
- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Probability\*
- Further Algebra and Calculus
- Mathematical Analysis
- Programming Using an Object-oriented Language\*
- Statistics\*.

### Second year:

- Applied Statistics
- Distributions and Estimation
- Introduction to Numerical Analysis and its Applications\*
- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Linear Algebra\*
- Software Engineering\*.

### Third year:

- Agile Methodologies
- Linear Statistical Models
- Major Project\*.

You will also choose from a range of optional modules available.

*\* also available partially or entirely through the medium of Welsh.*



Idris is a four wheel drive and steering electric vehicle. The main use of Idris is for the Department of Computer Science's research in field robotics and in particular visual navigation.

# Robotics and Embedded Systems Engineering

## BEng (Hons)

Our research-active staff provide hands-on support to guide you through building and running intelligent systems while ensuring reliability in unpredictable real-world situations. Work in this area requires not only a deep understanding of software, but also of the operation in the physical world and the underlying mathematics describing it.

As well as gaining a firm foundation in computing skills, you will develop specialised skills in artificial intelligence, robotics and systems engineering. Our optional year in industry is a crucial way for you to gain practical experience of applying the skills you acquired are during your first two years of study. It will also help you stand out from your competitors when you're applying for work.

At Aberystwyth, our Robotics and Embedded Systems engineering students have access to:

- dedicated robotics laboratory
- robotics workshop
- a range of specialised research equipment including electric cars, robotic rovers, sailing robots, robotic arms, flying robotic platforms.

### Employability

Graduates have a strong background in computing that will prepare them for a range of careers in the computing industry. In addition, the specific skills gained on this degree are an ideal preparation for working in the aerospace and automotive industries and the emerging area of the Internet of Things.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Algebra and Differential Equations\*
- Calculus\*
- Classical Dynamics\*
- Introduction to Programming\*
- Forces and Energy\*
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*.

### Second year:

- Mathematical Physics\*
- Program Design, Data Structures and Algorithms\*
- Sensors, Electronics and Instrumentation
- Artificial Intelligence
- Robots and Embedded Systems
- Software Engineering\*.

### Third year:

- Major Project\*
- Professional Issues in the Computing Industry
- Systems Engineering
- Engineering Control Theory
- Robotics Applications
- Space Robotics.

You will also choose from a range of optional modules available.

\* also available partially or entirely through the medium of Welsh.

## Key Facts



**Degree type:** BEng.



**UCAS Code:** 132A (132B with integrated year in industry).



**Duration:** 3 years (132B is 4 years).



**Typical offer:**  
**UCAS tariff points:** 120-104 to include B in A level Maths.  
**IB:** 30-28 overall.



**Assessment weighting:**  
48% coursework, 52% exams.



**Field trips/fieldwork:**  
Yes (Year 1 only).



**Related courses:** Artificial Intelligence and Robotics p.78, Computer Science p.81, Engineering Physics p.171, Robotics and Embedded Systems Engineering p.85, Software Engineering p.86, Space Science and Robots p.176



This course is also available as a four year MEng (132C) or five year MEng with year in industry (132D) Integrated Masters. These degrees enable you to secure a loan for the full duration of your course, rather than having to fund a Masters degree separately. See p.89.

# Software Engineering

## BEng (Hons)

Software Engineering is concerned with the production of large, high-quality, and often long-lived, software systems. Work in this area requires not only a deep understanding of software and related technologies, but also an appreciation of the management and professional issues associated with the development of large systems.

We emphasise professional engineering as well as computing skills on this degree. As well as developing a deep understanding of software and related technologies, you'll also appreciate the management and professional issues associated with the development of large systems. You will develop specialised skills in graphics and visualisation, artificial intelligence, robotics, telematics and mobile computing.

This degree includes an integrated year in industry, on which you'll be able to acquire real-world experience to challenge yourself and create invaluable networking connections. Many of our students return from this year with employment already set up for when they graduate.

At Aberystwyth our Software Engineering students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- core modules that focus on software engineering scenarios
- lecturers with close links to the software industry.

### Employability

This degree provides appropriate skills for the majority of technical jobs in the software industry. Graduates have obtained positions in companies both large and small and also in government bodies, and our graduates are frequently complimented on their professional approach.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Information Security\*
- Fundamentals of Web Development\*

### Second year:

- C and C++
- Modelling Persistent Data
- Program Design, Data Structures and Algorithms\*
- Software Engineering\*.

You'll take the year in industry during your third year.

### Final year:

- Agile Methodologies
- Major Project\*
- Mobile Development with Android
- Mobile Development with IOS
- Professional Issues in the Computing Industry.

*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



## Key Facts

<b>Degree type:</b> BEng.
<b>UCAS Code:</b> G600.
<b>Duration:</b> 4 years (with integrated year in industry).
<b>Typical offer:</b> UCAS tariff points: 120-96 IB: 30-26 overall.

<b>Assessment weighting:</b> 57% coursework, 43% exams.
<b>Study abroad opportunities:</b> Yes.
<b>Field trips/fieldwork:</b> Yes (Year 1 only).
<b>Related courses:</b> Computer Science p.81 Robotics and Embedded Systems Engineering p.85, Software Engineering p.86.

This course is also available as a five year MEng (G601) Integrated Masters. These degrees enable you to secure a loan for the full duration of your course, rather than having to fund a Masters degree separately. See p.89.
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# Web Development

## BSc (Hons)

There is a huge demand for graduates with the skills to construct effective internet applications to meet modern business needs. In this degree, we combine practical training in building websites to professional standards with study of the commercial, legal and technical context in which the internet operates.

You will be introduced to the fundamental concepts and tools of computer science such as programming, algorithms, problems and solutions. You'll also learn about computer infrastructure, mathematics, web programming, e-commerce, systems administration, and databases. You'll develop your web development and software engineering skills, and in your final year, you will be required to develop a piece of software in an area of particular interest for your individual project.

You can also study this course with a year in industry, from which many of our graduates are offered employment upon their graduation.

At Aberystwyth, our Web Development students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- modules on systems administration, building industrial specification level web applications, and e-commerce.

### Employability

A professional approach to website construction and a good understanding of the business processes behind commercial web applications will give graduates an advantage when applying for jobs that entail building modern database-driven websites using appropriate tools and components; using the web and databases to provide interactive real-time solutions for industry, commerce and the public sector; developing network solutions for organisations; and supporting computer and network users.

### Accredited by:



## Key Facts

<b>Degree type:</b> BSc.
<b>UCAS Code:</b> H602 (H603 with integrated year in industry).
<b>Duration:</b> 3 years (H603 is 4 years).

<b>Typical offer:</b> UCAS tariff points: 120-96 IB: 30-26 overall.
<b>Assessment weighting:</b> 59% coursework, 41% exams.
<b>Field trips/fieldwork:</b> Yes (Year one only).

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Problems and Solutions
- Professional and Personal Development\*
- Programming Using an Object-oriented Language\*
- Web Development Tools\*.

### Second year:

- Modelling Persistent Data
- Programming for the Web
- System and Network Services Administration
- Software Engineering for the Web
- Web Design and the User Experience.

### Third year:

- E-commerce: Implementation, Management and Security
- Web-based Major Project
- Professional Issues in the Computing Industry.

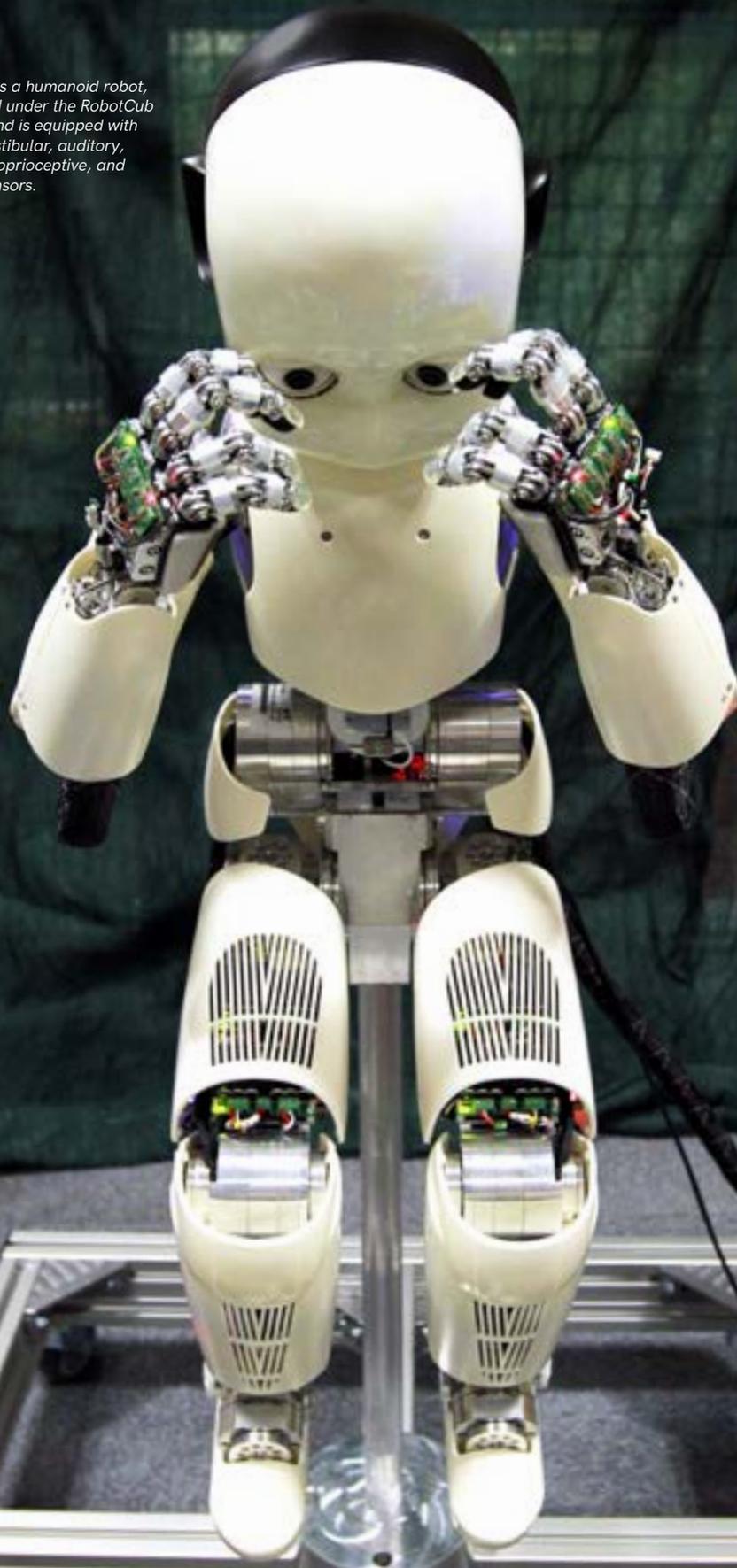
*\* also available partially or entirely through the medium of Welsh.*

### Accredited by:



<b>Related courses:</b> Business Information Technology p.79, Computer Science p.81.
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The iCub is a humanoid robot, developed under the RobotCub Project, and is equipped with visual, vestibular, auditory, haptic, proprioceptive, and torque sensors.



## Integrated Masters

<b>MComp Computer Science</b> (G409, G419 with integrated year in industry)	<b>p81</b>
<b>MEng Robotics and Embedded Systems Engineering</b> (132C, 132D MEng with integrated year in industry)	<b>p85</b>
<b>MEng Software Engineering (G601)</b>	<b>p86</b>

Our prestigious MEng and MComp courses are similar to their equivalent bachelor degrees but provide an extra year of instruction at postgraduate level in the form of an integrated masters.

Software Engineering (MEng) includes an integrated year in industry, while for the other schemes you may opt to take an integrated year in industry, taking courses to 5 years in length. The integrated year in industry forms the third year of your course, followed by a further two years of study to develop your skills and employability further with our supportive teaching. During this time, you will undertake team and individual projects as well as modules at Masters level. Open-ended challenges are a chance for you to explore and test your knowledge, and success demands an independent-minded, but nonetheless strictly professional and well organised approach to study.

At Aberystwyth, our integrated masters students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows
- lecturers with close links to the software industry and cutting-edge research
- research equipment, including mobile robots, manipulator arms, and vision and motion tracking systems.

### Employability

Our graduates particularly with a Masters-level qualification are eagerly sought by employers. The year in industry means that students can finish their degree having already had a year's experience of working in computing, making them even more attractive to employers.

### Accredited by:



\*G409, G419 & G601 only

### Key Facts



**Degree type:** MEng or MComp.



**Duration:** 5 years (132C and G409 are 4 years).



**Typical offer:**  
G409, G419, G601 - UCAS  
**tariff points:** 144-136  
**IB:** 34-32 overall.  
132C, 132D - UCAS tariff  
**points:** 144-136 to include B in  
A level Physics and A in Maths.  
**IB:** 34-32 overall.



**Assessment weighting:**  
Refer to UG scheme.



**Study abroad opportunities:**  
No.



**Field trips/fieldwork:**  
Yes (Year 1 only).



**Related courses:** Computer  
Science p.81, Robotics  
and Embedded Systems  
Engineering p.85, Software  
Engineering p.86.

# Criminology

## Our courses...

<a href="#">Criminology</a>	<a href="#">p.92</a>
<a href="#">Criminology and Criminal Psychology</a>	<a href="#">p.93</a>
<a href="#">Criminology and Sociology</a>	<a href="#">p.95</a>

Our experienced research-active staff participate in national and international debate and policy-making, and work with high profile organisations including the European Union and United Nations, national governments and non-governmental organisations. These same researchers are your lecturers, and they'll support you as you study the reasons people commit crime, its impact on its victims and how it can be prevented.

## TOP 10 IN THE UK

for Teaching Quality and  
Student Experience for the  
subject of Criminology

*(The Times and Sunday Times, Good University  
Guide 2020)*

# Criminology

## BSc (Hons)

Criminology is a fascinating subject that explores the meaning of crime and why certain behaviours are regarded as criminal. The subject explores the consequences of being labelled 'criminal', and how society responds to criminal behaviour by detecting, punishing and rehabilitating individuals who commit offences. The subject also considers the impact of crime and criminality on victims and society in general.

The BSc in Criminology will provide you with opportunities to develop an understanding of the criminal justice system in the United Kingdom and beyond, as well as developing your skills in evaluating current research and debates on crime and criminality, policy and legislation, and criminal justice processes. You will also have opportunities to conduct your own research within this field, as the criminology degree in the department of Law and Criminology provides a foundation in criminological research methods.

Specialist opportunities at Aberystwyth for Criminology students include:

- the opportunity to undertake work experience as part of an optional module, which will greatly increase your employability upon graduation
- an option to combine the study of Criminology with the study of Law or Psychology.

### Employability

Criminology provides an excellent academic foundation for careers in the criminal justice sector, including the Police, HM Prison and The National Probation Service, and youth justice. Completing the degree can also provide opportunities to work in crime or intelligence analysis, community care and social work.

### Key facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> 50% coursework, 50% exams.	 <b>You can study this course with:</b> Psychology and Law. Please see p.20.
 <b>UCAS Code:</b> M900.	 <b>Study abroad opportunities:</b> Yes.	 This course is also available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for three years of the BSc Criminology (M90F).
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> Yes.	
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.	 <b>Related courses:</b> Criminal Law p.153, Criminology with Criminal Psychology p.93, Psychology and Criminology p.183	

## Modules

### First year:

The first year of your degree will provide you with the necessary understanding to study criminology. This will include exploring societal responses to crime, and the categorisation of behaviour as criminal. You will be introduced to research methods in criminology, developing your understanding of how research is conducted and how to evaluate the findings. The first year will also introduce you to the foundations of the legal and criminal justice systems, and to criminal law.

### Second and third years:

In the second and third years you will have the opportunity to develop your understanding of the subject according to your interests with opportunities to pursue an approach that places greater emphasis on the sociological and psychological aspects of the field, or a more law-focused approach to the study of criminology.

# Criminology and Criminal Psychology

## BSc (Hons)

Criminology and Criminal Psychology is a themed criminology degree providing you with an opportunity to study crime and criminal behaviour from a psychological perspective. This degree scheme examines the behaviour and thoughts of criminals, the causes and effects of criminality, and how to prevent offending behaviour through a dual lens of criminology and psychology. It also explores the application of legal and forensic psychology to areas of police investigation and the criminal justice system.

Our research-active academics will train you in the basic methods of criminological research, which provides you with the skills for critical evaluation of both theoretical and empirical studies within this field.

Specialist opportunities at Aberystwyth for Criminology and Criminal Psychology students include:

- the opportunity to undertake work experience as part of an optional module, which will greatly increase your employability upon graduation
- combining the study of criminology with psychology and exploring why people commit crime, as well as why particular actions are defined as criminal.

### Employability

Criminology provides an excellent academic foundation for careers in the criminal justice sector, including the Police, HM Prison and The National Probation Service, and youth justice. Completing the degree can also provide opportunities to work in crime or intelligence analysis, community care and social work.

### Key facts

 <b>Degree type:</b> BSc.	 <b>Study abroad opportunities:</b> Yes.	 It is also possible to study Criminology alongside Psychology as a joint honours degree (CM89 - see p.183). This degree is a BPS accredited course which is designed to provide a comprehensive understanding of criminology along with a firm foundation in psychology. It offers a balanced programme, drawing equally from both disciplines.
 <b>UCAS Code:</b> M9C6.	 <b>Field trips/fieldwork:</b> Yes.	
 <b>Duration:</b> 3 years.	 <b>Related courses:</b> Criminal Law p.92, Criminology p.93, Psychology and Criminology p.183.	
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.		
 <b>Assessment weighting:</b> 50% coursework, 50% exams.		

## Modules

### First year:

The first year of your degree will provide you with the foundations necessary to study criminology and psychology. This will include exploring societal responses to crime, and the categorisation of behaviour as criminal. You will be introduced to research methods in criminology, developing your understanding of how research is conducted and how to evaluate the findings. The first year will also introduce you to the foundations of the legal and criminal justice systems, and to criminal law.

### Second and third years:

In the second and third years you will have the opportunity to develop your understanding of the subject according to your interests with opportunities to pursue an approach that places greater emphasis on criminal and forensic psychology. You can also engage with the broad range of exciting optional modules available within the department.

# Criminology and Sociology

## BSc (Hons)

The BSc in Criminology and Sociology at Aberystwyth University will enable you to critically evaluate ideas, concepts and approaches across the two disciplines.

This degree scheme will provide you with an in-depth understanding of society and criminality and will introduce you to new perspectives on social inequality and social change that are taking place both locally and internationally.

Providing insight on criminology from a sociological perspective, our degree will give you the sophisticated knowledge and analytical skillset needed for breaking into the public and social sectors, as well as the criminal justice system. Alternatively, it is a great starting block for further study.

Specialist opportunities at Aberystwyth for Criminology and Sociology students include:

- the opportunity to undertake work experience as part of an optional module, which will greatly increase your employability upon graduation
- combining the study of criminology and sociology and exploring why people commit crime, as well as why particular actions are defined as criminal.

### Employability

Criminology and Sociology provides an excellent academic foundation for careers in the criminal justice sector, including the Police, HM Prison and The National Probation Service, and youth justice. Completing the degree can also provide opportunities to work in crime or intelligence analysis, community care and social work.

### Key facts

 **Degree type:** BSc.

 **UCAS Code:** ML93.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96.  
**IB:** 30-26 overall.

 **Assessment weighting:**  
40% coursework, 60% exams.

 **Study abroad opportunities:**  
Yes.

### Modules

#### First year:

The first year of your degree will provide you with the foundations necessary to study criminology and sociology. This will include exploring societal responses to crime, and the categorisation of behaviour as criminal. You will be introduced to research methods in criminology, developing your understanding of how research is conducted and how to evaluate the findings. The first year will also introduce you to the foundations of the legal and criminal justice systems, and to criminal law.

#### Second and third years:

In the second and third years you will have the opportunity to develop your understanding of the subject according to your interests with opportunities to pursue an approach that places greater emphasis on the sociological and psychological aspects of the field, or a more law-focused approach to the study of criminology.

# Education and Childhood Studies

## Our courses...

Childhood Studies	p.98
Early Childhood Studies with Early Years Practitioner Status	p.99
Education	p.101

If you're considering pursuing a future career in education, social work, counselling or welfare, then our education and childhood studies courses are the perfect choice for you. Our degrees in education and childhood studies will guarantee you an interview for our PGCE teacher training courses.

**TOP 15 IN THE UK**  
in the UK for Teaching Quality  
for the subject of Education

*(The Times and Sunday Times, Good University  
Guide 2020)*



# Childhood Studies

## BA (Hons)

This degree will enable you to develop the knowledge and expertise needed to excel in child related professions. The School of Education at Aberystwyth University explores a diverse range of areas and factors that influence a child and that are pivotal to a child's later development.

The course will draw upon a variety of disciplines including sociology, psychology and educational studies to broaden your knowledge and promote critical thinking. You will explore some of the factors that influence the development of children, as well as developing an understanding of the political and legislative background to childhood and its implications for children and their families.

Within the course, there are opportunities to undertake placements (one short, one longer) to gain observational experience of work within an educational/childhood setting. In the past, these have included health settings, nurseries and schools.

Should you wish to teach, and as long as you meet the entry requirements, [you will be guaranteed an interview for a Primary Postgraduate Certificate in Education \(PGCE\) at Aberystwyth.](#)

Specialist opportunities at Aberystwyth for Childhood Studies include:

- a wide variety of assessment techniques including posters, games, essays and presentations allowing you to work to your strengths
- support from a specialist librarian who will provide personal advice
- excellent student support systems, including student mentoring
- module choices that enable you to specialise in areas which interest you
- support from our employability co-ordinator, who will keep you up to date about a range of opportunities in the field (both paid and voluntary) to help you develop the skills you will need obtain employment after university.

**Please note:** A Disclosure and Barring Service (DBS) or equivalent check may be necessary in order to undertake some modules for this degree.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Policies and Issues in Education\*
- Key Skills for University Practice\*
- Children's Development and Learning\*
- Play and Learning
- Language Development\*.

### Second year:

- Psychology of Learning and Thinking\*
- Safeguarding and Professional Practice\*
- Education, Equality and Diversity
- Working with Children
- Research Methods\*.

### Third year:

- Critically Reflecting and Evaluating Learning and Skills\*
- Children's Rights
- Major Dissertation\*
- Mathematical Development in the Early Years\*.

*\* also available partially or entirely through the medium of Welsh.*

## Key Facts

 Degree type: BA.
 UCAS Code: X320.
 Duration: 3 years.

 Typical offer: UCAS tariff points: 112-96. IB: 30-26 overall.
 Assessment weighting: 90% coursework, 10% exams.

 Study abroad opportunities: Yes
 Related courses: Education p.101

# Early Childhood Studies

## With Early Years Practitioner Status

### BA (Hons)

This degree is intended to help you to become a skilled and employable graduate. It does this through: the development of knowledge, understanding and practical skills; combining university study with placements embedded throughout the degree; involvement in our well-established employability programme.

You will cover:

- children's play, development, learning and well-being
- partnerships: working with parents, carers, external agencies and in teams with other practitioners
- safeguarding and equality
- the early years curriculum, including communication, language, literacy and mathematical development
- leadership skills.

Should you wish to teach, and as long as you meet the entry requirements, [you will be guaranteed an interview for a Primary Postgraduate Certificate in Education \(PGCE\) at Aberystwyth.](#)

Specialist opportunities for Education students at Aberystwyth include:

- practitioner tutors in Early Years settings and your own personal tutor in University modules tailored to your progression in learning and practice
- modules tailored to your progression in learning and practice
- a specialist librarian who will support you in your studies
- full access to the University's services while in placement
- support from our employability co-ordinator, who will keep you up to date about a range of opportunities in the field (both paid and voluntary) to help you develop the skills you will need obtain employment after university.

**Please note:** A Disclosure and Barring Service (DBS) or equivalent check is necessary in order to undertake this degree.

## Key Facts

 Degree type: BA.
 UCAS Code: X322.
 Duration: 3 years.

 Typical offer: UCAS tariff points: 120-96 IB: 30-26
 Criminal records declaration (DBS/Disclosure Scotland)

## Modules

There are placement modules in every year of this course. Placements will be organised for students and will be available in Welsh and English.

### First year:

- Children's Development and Learning\*
- Key skills for University\*
- Numeracy and Literacy for All
- Health and Well-being in the Early Years.

### Second year:

- Safeguarding and Professional Practice
- Literacy in Young Children\*
- Education, Equality and Diversity.

### Third year:

- Mathematical Development\*
- Emotional and Social Development
- Communication.

*\* also available partially or entirely through the medium of Welsh.*

 Assessment weighting: 100% course work and practice
 Related courses: Childhood Studies p.98



# Education

## BA (Hons)

A degree in education at Aberystwyth enables you to explore the development of children and adolescents, covering issues which are central to an understanding of educational systems. Our course aims to excite and stimulate you through the study of curriculum design and educational policy, with further insight into the disciplines of sociology, psychology and linguistics. A particular focus includes supporting learners throughout the education system.

An education degree is an ideal basis for work in industry, policy or the charitable sector, or for entry to PGCE teacher education programmes. Students who study education as single honours or as the major subject can only apply for the primary PGCE. If you are thinking of secondary teaching, you will need to study a teaching subject for at least half of your joint honours degree, or as your major subject.

As long as you meet the entry requirements, **you will be guaranteed an interview for a Postgraduate Certificate in Education (PGCE) at Aberystwyth.**

Specialist opportunities for Education students at Aberystwyth include:

- the support of our employability co-ordinator, who will keep you up to date about a range of opportunities in the field (both paid and voluntary) to help you develop the skills you will need to help you into employment after university
- a wide variety of assessment techniques including posters, games, essays and presentations allowing you to work to your strengths
- the chance to study a favourite subject alongside education.

**Please note:** A Disclosure and Barring Service (DBS) or equivalent check may be necessary in order to undertake some modules for this degree.

## Key Facts

 **Degree type:** BA.

 **UCAS Code:** X302.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96  
**IB:** 30-26 overall.

 **Assessment weighting:**  
90% coursework, 10% exams.

 **Study abroad opportunities:**  
Yes

 **Related courses:**  
Childhood Studies p.98.

 **You can study Education (as joint honours or major/minor) with:** Drama and Theatre Studies, Fine Art, History, English Literature, Irish Language and Literature, Mathematics, Media, Psychology, Welsh, Spanish, Physics, Physical Geography and Human Geography. Please see p.20.

## Modules

Below is an indicative list of the Education modules that you may study on this course.

### First year:

- Children's Development and Learning\*
- Numeracy and Literacy for All
- Language Development\*
- Key skills for University\*.

### Second year:

- Psychology of Learning and Thinking\*
- Making Sense of the Curriculum
- Research Methods\*
- Safeguarding and Professional Practice.

### Third year:

- Children's Rights
- Critically Reflecting and Evaluating Learning and Skills\*
- Major Dissertation\*
- Teaching Methodologies
- Emotional and Social Development\*.

*\* also available partially or entirely through the medium of Welsh.*

 This degree is also available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years (X30F).

# English Literature and Creative Writing

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

## Our courses...

Creative Writing	p.104
English Literature	p.105
English Literature and Creative Writing	p.106
English Studies and Climate Change	p.107

**5th IN THE UK**  
for student experience in the  
subject of English

*(The Times and Sunday Times, Good Univeristy Guide 2020)*

Described by our students as their "second family", the Department of English & Creative Writing is a tight-knit, warm and supportive place to start your next chapter.

Over your three years with us you'll flourish, personally and academically, with our award-winning teaching from internationally renowned experts, our rigorous and innovative curriculum, some of the best resources in the UK, and a fantastic community atmosphere.



# Creative Writing

## BA (Hons)

Our Creative Writing course provides exciting and diverse opportunities for working in a broad variety of forms and genres. At Aberystwyth, you will develop imaginative and inventive creative skills that will enable you to work confidently and effectively in a wide range of styles, preparing you for your professional career.

This degree offers a broad curriculum that cuts across traditional subject boundaries. Over the duration of this course you will explore and experiment with genre, form, language, media, style, and presentation.

Upon completion of this degree, you will be able to write with confidence, tailoring your work to a broad range of audiences. You will have a highly developed awareness of issues such as tone, structure, genre and function, and of how to utilise these effectively in your own writing.

A degree in Creative Writing at Aberystwyth offers you:

- the opportunity to learn alongside a team of distinguished, award-winning authors who work across a broad spectrum of creative fields
- the benefits of working in an inter-disciplinary environment that allows you to explore your creativity across a range of academic subjects
- a strong tradition of specialist teaching in the fields of life writing, historical fiction, the graphic novel, contemporary poetry, crime fiction, science fiction, and writing for stage, screen, and radio
- opportunities to work with leading literary and cultural institutions such as *New Welsh Review* - Wales' foremost literary magazine - and Aberystwyth Arts Centre - which is one of the largest arts centres in Wales, recognised as a 'national flagship for the arts.

## Key Facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> W801.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall
 <b>Assessment weighting:</b> 100% coursework (dependent on module choice).

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Creative Arts p.41, English Literature p.105, English Literature and Creative Writing p.106, English Studies and Climate Change p.107.

 <b>You can study this course (as joint honours) with:</b> Drama and Theatre Studies, Film and Television Studies, Fine Art, French, Scenography and Theatre Design, and Spanish. Please see p.20.
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## Modules

### First year:

You are introduced to a range of writing styles and genres through our core modules - creative practice and writing short stories. Creative practice is designed to provide a foundation of essential knowledge and techniques. Writing short stories hones these skills for short-form prose. You can choose option modules from a wide range of courses looking at literature from the classical era through to contemporary writing, explore creative-critical responses (where you choose whether to write a critical or a creative piece for your assessment), and develop your poetic skills or your knowledge of global literature.

### Second and third years:

You will explore a wide range of types of writing to produce and present your own writing professionally and reflect on your own creative practice. We offer modules on writing genre fiction, such as graphic novels and crime fiction, on writing poetry, and on specific skills such as plot and characterisation. In parallel to this, we offer modules designed to introduce you to the best and the most exciting writing from the last 1000 years, from medieval texts through to contemporary fiction. Texts across the genres of prose, drama and poetry, texts that deal with personal, political and philosophical concerns that affect us all. Your final year project allows you to explore any creative mode and topic, and you will have the opportunity to take part in our annual writing retreat designed to kick-start your preparation for this creative endeavour.

# English Literature

## BA (Hons)

Our English Literature degree will fire your imagination by exploring the widest possible range of literary texts and cultures. We offer our students a superb choice of courses from the early medieval period to the present day.

You will discover a wide variety of approaches to literature and culture. Our course encourages you to read widely and to think critically about writing and its contexts, and the philosophical and political trends that shape the ways we read and write.

Upon completion of this course, you will have outstanding powers of expression and communication, augmented with specialist knowledge and research skills. You will discover your potential as an independent learner, whilst working within a nurturing and structured learning environment that will enable you to excel.

A degree in English Literature at Aberystwyth offers you:

- 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, writing and place, children's literature, Welsh writing in English, LGBTQ+ writing, Postcolonial literature, Medieval studies and Romanticism amongst many more
- opportunities to work with leading literary and cultural institutions such as *New Welsh Review* - Wales' foremost literary magazine - and Aberystwyth Arts Centre - which is one of the largest arts centres in Wales, recognised as a 'national flagship for the arts.

## Key Facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> Q300.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall
 <b>Assessment weighting:</b> 50-60% coursework, 40-50% exams.

 <b>Related courses:</b> Creative Writing p.104, English Literature and Creative Writing p.106, English Studies and Climate Change p.107.
 <b>You can study this course (as joint or major/minor degrees) with:</b> Drama and Theatre Studies, Education, Film and Television Studies, Fine Art, French and History. Please see p.20.
 <b>Study abroad opportunities:</b> Yes.

## Modules

### First year:

Your first core module, critical practice, will provide you with the necessary foundation for successful engagement with literature at university level. The module builds upon your existing skills and helps you become an independent thinker and critic. You will also study writing from the pre-1800 period, introducing you to the long tradition of English literatures from Chaucer to Defoe. In addition, you will choose from an exciting range of option modules, including literature and the sea and introduction to poetry, that allow to respond to what you are learning either creatively, through your own writing, or critically, through essays. You will also be able to study writing from an exceptionally broad range of places and periods, such as Greek and Roman Epic and Drama, American literature and contemporary writing.

### Second and third years:

In your second year, modules with a historical sweep, such as medieval texts and their world, nineteenth-century literature, and literature since 1945, will deepen your understanding of literatures in English from the last 1000 years. You will choose specialist options from subjects including the graphic novel, contemporary politics, genre fiction, gender and sexuality, or writing about place. Alongside this, you will engage with the philosophy and politics of reading in literary theory: debates and dialogues. In your third year, you will again select from specialist modules that allow to develop your own interests including romantic eroticism, the eighteenth-century novel, postcolonial writing and ghost stories. The dissertation will allow you to develop your own research project which includes our annual writing retreat.

# English Literature and Creative Writing

BA (Hons)

Our combined course in English Literature and Creative Writing will enable you to develop as both a creative and critical practitioner. This degree will expand your range and capabilities as a writer and enable you to work with confidence in a variety of genres and forms.

You will develop a reflective writing practice informed by a wide-ranging knowledge of writing from the past and present, an understanding of the cultural and intellectual contexts in which literature is written and read, and an awareness of the range and variety of approaches to literary study and the practice of writing.

A degree in English Literature and Creative Writing at Aberystwyth offers you:

- the opportunity to learn alongside a team of distinguished, award-winning authors who work across a broad spectrum of creative fields
- a strong tradition of specialist teaching in the fields of women's writing, writing and place, children's literature, Victorian writing, Welsh writing in English, LGBTQ+ writing, Postcolonial literature, Renaissance drama and Romanticism, combined with opportunities to develop your writing with practitioners who have expertise in a diverse range of genres such as contemporary poetry, the graphic novel, crime fiction, life writing, historical fiction, science fiction, and writing for stage, screen, and radio
- the benefits of a combined discipline that allows you to explore the creative/critical intersection and to develop into a creative professional with the underpinnings of a traditional academic discipline.

## Key Facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> QW38.
	<b>Duration:</b> 3 years.
	<b>Assessment weighting:</b> 60-70% coursework, 30-40% exams.

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26
	<b>Field trips/fieldwork:</b> Yes.
	<b>Related courses:</b> Creative Writing p.104, English Literature p.105, English Studies and Climate Change p.107.

## Modules

### First year:

Your first core modules, critical practice and creative practice, will provide you with the necessary foundation for successful engagement with literature and creative writing at university level. Critical practice builds upon your existing skills and helps you become an independent thinker and critic; creative practice gives you a foundation of knowledge and techniques for creative writing. You will also study writing from the pre-1800 period, introducing you to the long tradition of English literatures from Chaucer to Defoe. In addition, you will choose from an exciting range of option modules, including Literature and the sea and An introduction to poetry, that allows you to respond to what you are learning either creatively, through your own writing, or critically, through essays. You will also be able to study writing from an exceptionally broad range of places and periods, such as Greek and Roman epic and drama, American literature and contemporary writing.

### Second and third years:

You will explore a wide range of writing modes, produce and present your writing professionally, and reflect on your writing practice. Our writing modules cover graphic novels, crime fiction, specific skills (plot, characterisation), and much more. ] Our English modules introduce you to the best, most exciting literature from the last 1000 years, from medieval texts to the newly published. You will choose from a range of specialist modules that allow you to explore the subjects that fascinate you (such as the ghost story, postcolonial writing, writing about gender and sexuality in different periods, and Victorian writing), and develop your own creative writing or English research project, with the opportunity to go on our annual writing retreat.

	This degree is also available as a four-year course with a foundation year (QW3F). The first year of this course will bring you up to university entry level, preparing you for the final three years.
	<b>Study abroad opportunities:</b> Yes.

# English Studies and Climate Change

BA (Hons)

Our combined course provides a thorough and critical understanding of the ideological debates that shape the ways we read and write, challenge our perceptions of the places we read and write about, and interrogate who we are. You will encounter texts that explore and represent climate change, that evaluate the climate challenge and its political, economic, social, and ecological impacts. By raising provocative questions about human responses to climate change (which invariably involve the written or the spoken word) this course will equip you with the skills and knowledge to analyse diverse perspectives on a global challenge.

This scheme establishes core knowledge of climate science and issues of governance pertaining to climate change alongside subject-specialist engagement with the representation of climate change in literature from the 1800s onwards. In their interdisciplinary learning community students investigate the science of climate change from multiple subject perspectives (Geography, Biology, Politics, and of course Literary analysis).

The English Studies and Climate Change programme provides subject-specialist knowledge of fictional and non-fictional responses to the climate - from Romanticism's accounts of 1816 "the year without a summer" to alternate futures analysis in contemporary speculative fiction. You will develop practical skills in crisis writing across genres and forms whilst also acquiring the subject-specialist knowledge and skills of an English graduate.

Students studying English Studies and Climate Change at Aberystwyth will:

- engage with and develop a distinct multidisciplinary approach to communicating climate change informed by an understanding of the science behind the climate crisis
- analyse the causes and consequence of climate change and environmental degradation, and how literature from the nineteenth century to the present-day comments upon climate change
- examine links between climate change and other global challenges (such as conflict, migration, inequality, and isolationism) and the ways in which these challenges are communicated to diverse audiences
- reflect on ways that the planet's habitats, resources, and ecological systems are reflected in and shape the stories we tell and how such stories challenge the *political status quo*.

## Key Facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> FQ73
	<b>Duration:</b> 3 years.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26

	<b>Assessment weighting:</b> 60-70% coursework, 30-40% exams.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

## Modules

### First year:

Your core modules will provide you with the necessary foundation for successful engagement with literature and creative writing at university level. Critical practice builds upon your existing skills and helps you become an independent thinker and critic; creative practice gives you a foundation of knowledge and techniques for creative writing. You will also study writing from the pre-1800 period, introducing you to the long tradition of English literatures from Chaucer to Defoe. You will investigate the science of climate change through two innovative modules, Climate Change: impacts, perceptions, adaptation and The Science of Climate. In addition, you will choose from an exciting range of optional modules, including literature and the sea and introduction to poetry, that allow to respond to what you are learning either creatively, through your own writing, or critically, through essays.

### Second and third years:

You will build on your work with staff and students from other disciplines in your core module The Governance of climate change. This module engages students in simulation - presenting you with real-world problems and developing the skills essential to addressing current and future global challenges. You will also take core modules that will give you detailed knowledge of fictional and non-fictional responses to the climate, literature and climate in the nineteenth century, contemporary writing and environmental justice, speculative fiction and the climate crisis and you will develop your own creative writing in whatever genre or form you choose in crisis writing. Our writing modules cover graphic novels, crime fiction, specific skills (plot, characterisation), and much more. Our English modules introduce you to the best, most exciting literature from the last 1000 years. In the final year the creative writing project or english dissertation allow students to synthesise their multi-disciplinary and subject-specific knowledge and work with academic supervisors across traditional subject boundaries. With the opportunity to attend our annual writing retreat held at an historic site in the beautiful Mid Wales countryside, the final year project is a fitting culmination to a degree that challenges students to become informed, skilled, and impassioned advocates for change.

# Equine Science/ Studies

## Our courses...

Equine and Veterinary Bioscience	p.110
Equine Science	p.111
Equine Studies (top-up scheme)	p.112
Equine Studies	p.113

As the most established provider of equine courses in the UK, our facilities are excellent. Students benefit from our livery, Olympic size indoor arena, round pen, horse walker, weigh bridge, solarium, laboratories and so much more. We have an excellent reputation for equipping our graduates with the skills needed for success in a range of careers in the equine industry.

**100%** of our Equine Science students agree that staff have made the subject interesting

*(National Student Satisfaction Survey 2019)*

# Equine and Veterinary Bioscience

## BSc (Hons)

Our Equine and Veterinary Bioscience degree is the only one of its kind in the UK. It capitalises on Aberystwyth's reputation as a long-established provider of equine courses, our research strengths in animal disease, nutrition, reproduction, and behaviour, and our collaborative links with practising veterinary surgeons of the Wales Veterinary Science Centre.

This degree will provide you with a solid understanding of core concepts in veterinary medicine, including immunology, disease processes and the diagnosis and treatment of disease in a range of species. Dedicated theoretical and practical classes will place special emphasis on the physiology of the horse. Teaching, including some by veterinary surgeons, will help frame your understanding within the practical context. This unique mix of subject matter will help you develop the knowledge and skills required in professional roles within the equine industry, as well as in careers allied to veterinary medicine, such as veterinary laboratory diagnostician.

Equine and Veterinary Bioscience students at Aberystwyth will enjoy:

- studying with the longest established provider of equine courses in the UK
- superb facilities, including a large equine teaching centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, solarium, stables and foaling boxes with CCTV, demonstration areas, laboratories, and much more
- an equine teaching centre which is a British Horse Society (BHS) Approved Training Centre, where you can study for your BHS qualifications
- teaching delivered by internationally recognised researchers and practising veterinary surgeons.

### Employability

Equine and veterinary bioscience provides a broad scientific foundation which will prepare you for a wide range of career opportunities in equine and animal science, animal welfare, research and development, advisory and technical support work, and education, in the UK and overseas. Many of our students studying this scheme aspire to study veterinary medicine following successful completion of the course.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> D334 (D335 with integrated year in industry).
 <b>Duration:</b> 3 years (D335 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 128-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology/Chemistry at Higher Level.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Applied Animal Biology\*
- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Disease Diagnosis and Control
- Equine Anatomy and Physiology
- Equine Exercise Physiology
- Microbial Diversity\*
- Equine Study Tour (optional)
- Study and Communication Skills\*.

### Second year:

- Animal Breeding: Genetics and Reproduction
- Applied Nutrition of Livestock, Horses and Companion Animals
- Immunology
- Research Methods\*
- Veterinary Health.

### Final year:

- Research Project\*
- Behaviour and Welfare of Domesticated Animals
- Equine Grassland Management, Nutrition and Development (optional)
- Equine Stud Management (optional)
- Veterinary Infectious Diseases
- Veterinary Pharmacology and Disease Control.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Equine Science p.111, Equine Studies p.112, Life Sciences p.57, Veterinary Biosciences p.62, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Equine Science

## BSc (Hons)

At Aberystwyth we have a dedicated equine teaching centre with an excellent array of practical facilities, and our teaching team have specialist interests in equine reproduction, behaviour and business among others. The Institute of Biological, Environmental and Rural Sciences (IBERS) also has research strengths in animal science more widely, so we are well-placed to provide rigorous scientific training with an equine focus.

Our Equine Science degree will provide you with a solid grounding in the biological sciences with specialism in horses. This will include topics such as physiology, genetics and metabolism, equine anatomy, equine exercise physiology, equine industry, nutrition and reproductive physiology. At the same time, your scientific training will be augmented with more applied aspects, such as equine management practice. This degree will prepare you for a professional career in the equine industry and its allied services, and the strong scientific skill set demanded by a wide variety of employers.

Equine Science students at Aberystwyth will enjoy:

- studying with the longest established provider of equine courses in the UK
- superb facilities, including a large equine teaching centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, solarium, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- an equine teaching centre which is a British Horse Society (BHS) Approved Training Centre, where you can study for your BHS qualifications
- teaching delivered by internationally recognised researchers.

### Employability

Our Equine Science degree will prepare you for a wide range of employment opportunities in equine and animal science, research and development, advisory and technical support work, enterprise management and education, in the UK and overseas.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> D322 (D323 with integrated year in industry).
 <b>Duration:</b> 3 years (D323 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.

 <b>Assessment weighting:</b> In Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Applied Animal Biology\*
- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Equine Anatomy and Physiology
- Equine Exercise Physiology
- Microbial Diversity\*
- Molecular Laboratory Skills
- Equine Industry and Study Tour (optional)
- Study and Communication Skills\*.

### Second year:

- Animal Breeding, Genetics and Reproduction
- Applied Nutrition of Livestock, Horses and Companion Animals\*
- Equine and Human Exercise Physiology
- Equine Business (optional)
- Research Methods\*.

### Final year:

- Research Project\*
- Behaviour and Welfare of Domesticated Animals
- Equine Stud Management
- Equine Grassland Management, Nutrition, and Development
- Equine Marketing and Small Business Management.

See our website for the optional modules you may select to develop your specialist interests.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Equine and Veterinary Biosciences p.110, Equine Studies p.112, Life Sciences p.57, Zoology p.64.
 <b>You can also gain entry to this course through</b> our C990 Life Sciences foundation programme. See p.57.

# Equine Studies (top-up scheme)

## BSc (Hons)

If you have already passed an appropriate HND or Foundation Degree at merit level or above, our Equine Studies (top-up) scheme allows you to complete a further year of study to graduate with a BSc degree.

Our Equine Studies (top-up) scheme will build upon your foundation degree to further develop your skills in aspects of equine management and equip you with an advanced level of understanding in animal breeding and nutrition. This skill set will equip you for graduate level employment within the equine industry in the UK and abroad, or for a wide range of advisory, commercial and educational work in the equine and rural sectors. The further development of your business management skills will be readily transferable to graduate level roles in other sectors of commerce and industry, and of great use in starting your own business.

Equine Studies (top-up scheme) students at Aberystwyth will enjoy:

- studying with the longest established provider of equine courses in the UK
- superb facilities, including a large equine teaching centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, solarium, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- an equine teaching centre which is a British Horse Society (BHS) Approved Training Centre, where you can study for your BHS qualifications.

### Employability

Equine Studies (top-up) is designed to prepare you for a wide range of graduate level employment opportunities in equine and animal science, research and development, advisory and technical support work, and enterprise management in the UK and overseas.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> D325.
	<b>Duration:</b> 1 year top-up scheme.
	<b>Typical offer:</b> An appropriate Foundation Degree with overall grade Merit or above.

	<b>Assessment weighting:</b> Most final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Field trips/fieldwork opportunities:</b> Yes.

	<b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Equine and Veterinary Bioscience p.110, Equine Science p.111, Equine Studies p.112.
	<b>This is a top-up scheme</b> that leads to the award of a BSc degree, and is specifically designed for those who have successfully completed an approved HND or Foundation Degree at merit level or above in equine studies.

## Modules

Core modules you will study in this course include:

- Research Project
- Equine Stud Management
- Equine Marketing and Small Business Management
- Equine Grassland Management, Nutrition, and Development.

See our website for the optional modules you may select to develop your specialist interests.

# Equine Studies (Foundation)

## FdSc

If you are not sure that direct entry onto an equine-focused BSc degree is right for you, our Equine Studies Foundation Degree could be the answer. This degree provides a stand-alone qualification, and students who successfully complete the course to the required standard can progress onto our Equine Studies (top-up) scheme.

This degree equips you for the management and supervision of equine enterprises in the UK and abroad, and for a wide range of advisory and commercial work in the equine and rural sectors. The business management skills acquired are also readily transferable to other sectors of commerce and industry. This course will provide you with sound practical and scientific knowledge to underpin your career in the equine industry. As work experience is a component of the course, you will have the opportunity to apply your understanding within a practical context. This course includes riding and yard duties to develop practical skills and enhance employability.

Equine Studies (Foundation) students at Aberystwyth will enjoy:

- studying with the longest established provider of equine courses in the UK
- superb facilities, including a large equine teaching centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, solarium, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- an equine teaching centre which is a British Horse Society (BHS) Approved Training Centre, where you can study for your BHS qualifications.

### Employability

This course provides you with an excellent start to a career in the management of equine centres, such as studs, competition and racing stables, or allied equine enterprises.

## Key facts

	<b>Degree type:</b> Foundation.
	<b>UCAS Code:</b> D324.
	<b>Duration:</b> 2 years.
	<b>Typical offer:</b> UCAS tariff points: 96-72 IB: 26 overall.
	<b>Assessment weighting:</b> Most second year modules are assessed 40-60% by coursework, and the remainder by exam.

	<b>Field trips/fieldwork opportunities:</b> Yes.
	<b>Related courses:</b> Animal Behaviour p.48, Animal Science p.50, Equine and Veterinary Bioscience p.110, Equine Science p.111, Equine Studies p.112.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Animal Science
- Breeding and Stud Management
- Equine Anatomy
- Equine Business
- Equine Performance Science
- Horsemastership
- Study and Communication Skills\*.

### Second year:

- Applied Nutrition of Horses
- Equine Grassland and Business Management
- Research Methods\*.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

	Successful completion of this degree at merit level or above will enable you to progress on to BSc Equine Studies (top-up), or dependent on marks and module choices, to the second year of BSc Equine Science or BSc Equine and Veterinary Bioscience.
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# Geography and Earth Sciences

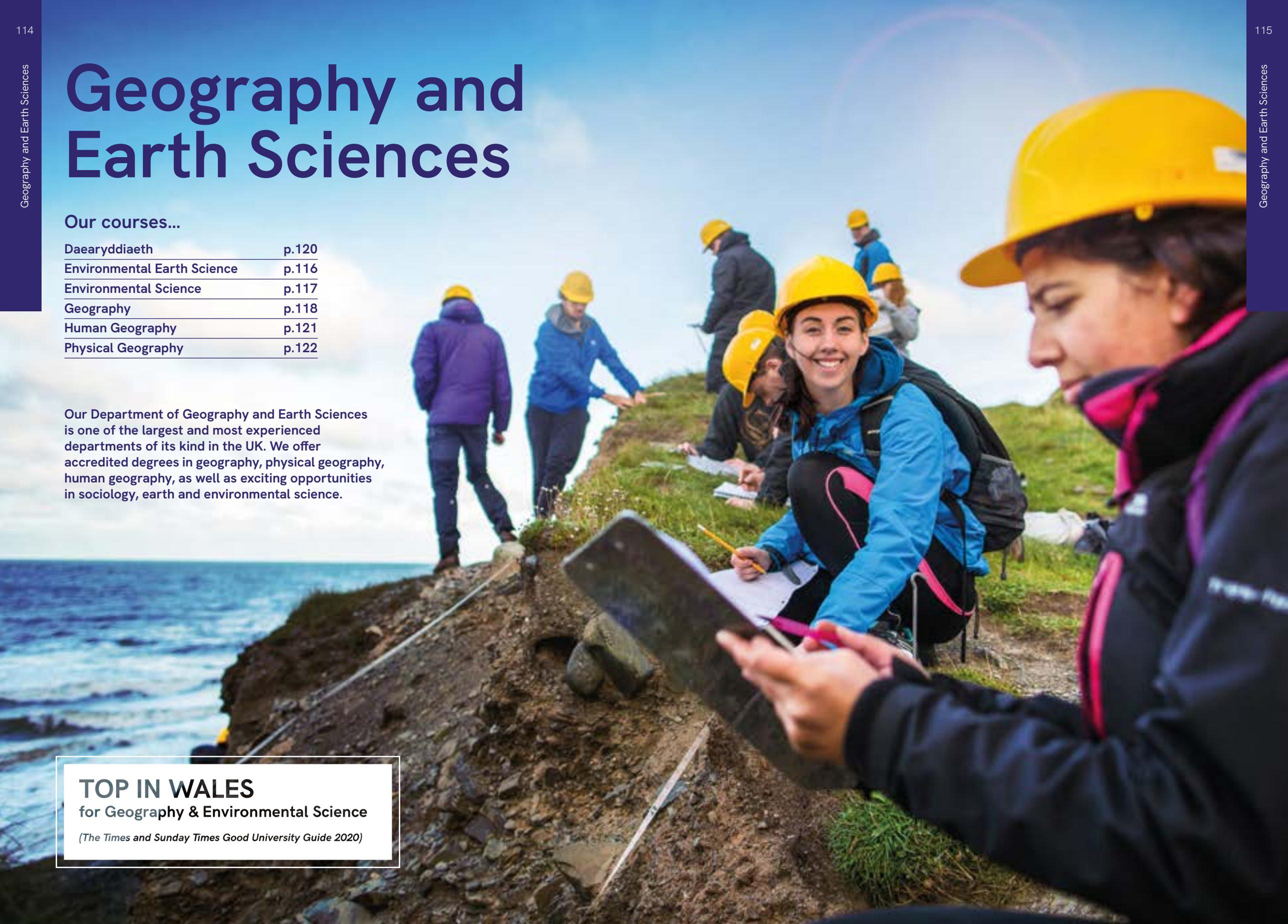
## Our courses...

Daearyddiaeth	p.120
Environmental Earth Science	p.116
Environmental Science	p.117
Geography	p.118
Human Geography	p.121
Physical Geography	p.122

Our Department of Geography and Earth Sciences is one of the largest and most experienced departments of its kind in the UK. We offer accredited degrees in geography, physical geography, human geography, as well as exciting opportunities in sociology, earth and environmental science.

**TOP IN WALES**  
for Geography & Environmental Science

*(The Times and Sunday Times Good University Guide 2020)*



# Environmental Earth Science

## BSc (Hons)

Aberystwyth is surrounded by a great natural laboratory that provides us with some excellent sites for fieldwork, and our facilities will help you explore core skills in geology and apply these to a wide range of environmental problems.

You will study planet earth as a unified system, exploring the interactions between the solid rocky earth (lithosphere) and the secondary environment, which includes the hydrosphere, biosphere and atmosphere. This degree will train you to solve problems and contribute to society, creating fantastic opportunities for your future.

You will be taught field and practical skills which can be applied to solving some of the key environmental issues facing our society such as: pollution from human activities like mining and power production, site investigation for land redevelopment or understanding volcanic eruptions.

Opportunities at Aberystwyth for Environmental Earth Science students include:

- being taught by world-leading researchers
- having access to analytical facilities to support project work
- fieldwork opportunities in each year of your degree. Fieldwork themes may include geological processes, environmental pollution, energy and resources, sustainable development.
- professional skills and training throughout your degree.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- An introduction to Rocks and Minerals
- Earth Surface Environments\*
- Fieldwork Skills
- Researching the World
- How to Build a Planet
- Life on Earth\*.

### Second year:

- Advanced Earth Materials
- Earth Resources and Environmental Impacts
- Field Skills
- Fundamentals of Geochemistry
- Chemical Analysis of Natural Materials
- Geohazards\*
- Geographic Information Systems.

### Third year:

- Independent Project for Environmental Earth Science.

As well as those listed above, there are numerous optional modules available in your second and final years, allowing you to specialise in a particular area of interest in Environmental Earth Science. Themes may include quaternary environmental change, geohazards, glaciology, hydrology and river systems, remote sensing, sedimentary environments and GIS.

\* also available partially or entirely through the medium of Welsh.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> F640.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 to include C in any A level science subject. <b>IB:</b> 30-26 overall with 5 points in a science subject at Higher Level.

 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Environmental Science p.117, Geography p.118, Physical Geography p.122.

 This degree is also be available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years. In addition we also offer a four-year course with an integrated year in industry or an integrated year studying abroad.
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# Environmental Science

## BSc (Hons)

Our Environmental Science degree explores some of the most important issues and challenges currently facing our society. We offer the unique opportunity to study these in the department of Geography and Earth Sciences as well as the Institute of Biology, Environmental and Rural Sciences (IBERS), where you'll be taught by world-leading researchers. We offer several overseas field courses and a number of opportunities for local fieldwork, so that you can make the most of our stunning location.

The degree focuses on past, present and future environmental processes and their complex interactions with human activities, coupled with investigation into the societal response to both natural and human-induced environmental issues and the ways in which they are managed.

Specialist opportunities at Aberystwyth for Environmental Science include:

- an Earth Observation Laboratory, Palaeoecology Laboratory, Luminescence Research Laboratory, aquarium systems for both marine and freshwater organisms, Advanced Microscopy and Bio-Imaging Laboratory, facilities for DNA sequencing, metabolomics and proteomics, and a Modelling Laboratory for spatial and temporal integration of biological data
- being taught by world-leading researchers in their respective fields throughout your course
- professional skills and training throughout your degree.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> F750.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 to include C in any A level science subject. <b>IB:</b> 30-26 overall with 5 points in a science subject at Higher Level.

 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Environmental Earth Science p.116, Geography p.118, Physical Geography p.122.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Earth Surface Environments\*
- The Biosphere
- Evolution and the Diversity of Life
- Fieldwork skills
- The Green Planet \*
- How to Build a Planet\*
- Ecology\*.

### Second year:

- Environmental Science Fieldwork
- Chemical Analysis of Natural Materials
- Reconstructing Past Environments
- Geohazards\*
- Earth Resources and Environmental Impacts
- Ecological Surveying\*
- Climate Change: Plants, Animals and Ecosystems
- Environmental Microbiology and Monitoring.

### Third year:

- Environmental Science Dissertation.

As well as those listed above, there are numerous option modules available in your second and final years allowing you to specialise in a particular area of interest in Environmental Science. Key themes may include freshwater and marine biology, wildlife conservation, microbiology, quaternary environmental change, glaciology, catchment processes, remote sensing and GIS.

\* also available partially or entirely through the medium of Welsh.

# Geography

## BSc (Hons)

Our Geography degree scheme offers the opportunity to explore key topics in human and physical geography. Themes covered include: hydrological systems; glacial processes; geomorphology; soil system science; ecosystem dynamics; cultural and historical geography; urbanisation, rural change and development; place and identity; and globalisation. Our Geography students also have the opportunity to study interdisciplinary themes such as environmental change, geohazards, and sustainability, and also receive specific skills training, for example in remote sensing and geographic information system (GIS).

Our flexible degree scheme structure means you can either specialise in a particular field or maintain a breadth of interests throughout the course, allowing you to focus on themes that excite you.

Opportunities at Aberystwyth for Geography students include:

- studying a course accredited by the Royal Geographical Society (with the Institute of British Geographers)
- use of exceptional facilities for laboratory work in chemical and physical analysis (for example, for soils, water quality and pollen work), social investigation and data processing
- a broad range of fieldwork opportunities including a free trip at the beginning of the first year. In the second year we offer a range of trips to suit a variety of specialisms and budgets. Optional day trips are also embedded in many modules throughout your degree. Previous destinations have included Crete, Berlin, and a free, low-carbon trip to Mid and South Wales
- being taught by world-leading researchers in their respective fields throughout your course.

## Key facts

 <b>Degree type:</b> BSc.	 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>UCAS Code:</b> F800.	 <b>Study abroad opportunities:</b> Yes.
 <b>Duration:</b> 3 years.	 <b>Field trips/fieldwork:</b> Yes.
 <b>Typical offer:</b> UCAS tariff points: 120-96 IB: 30-26 overall.	 <b>Related courses:</b> Environmental Earth Science p.116, Environmental Science p.117, Human Geography p.121, Physical Geography p.122.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Conflict and Change: the Making of Urban and Rural Spaces\*
- Earth Surface Environments\*
- Living with Global Change\*
- Place and Identity
- Researching the World: Data Collection and Analysis
- How to Build a Planet\*.

### Second year:

- Geographical Information Systems
- Concepts for Geographers
- Geography Fieldwork\*
- Physical Analysis of Natural Materials
- Frozen Planet
- Catchment Systems\*
- Placing Politics\*
- Placing Culture
- Sustainable Society
- Geohazards\*
- Researching People and Place\*.

### Final year:

- Geography Dissertation\*.

In your final year you have a wide range of option modules to choose from relating to our key themes of glaciology, hydrology, environmental change, cultural and historical geography, place and identity, and urban and rural geographies.

*\* also available partially or entirely through the medium of Welsh.*

## Accredited by:



 This degree is also be available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years. In addition we also offer a four-year course with an integrated year in industry or an integrated year studying abroad.

*Students investigating sediment properties in the Centenary Laboratory*



# Daearyddiaeth (Welsh-medium Geography)

## BSc (Hons)

The department of Geography and Earth Sciences has a long tradition of teaching through the medium of Welsh. Our BSc Daearyddiaeth degree scheme offers the opportunity to study two-thirds of the course with our team of Welsh-medium lecturers.

We offer modules on both the human and physical processes that affect the world, and the political and environmental issues that arise as a consequence of human interactions with the earth. Module themes range from fluvial geomorphology, hydrology and earth science to political and cultural geography.

Opportunities at Aberystwyth for Daearyddiaeth students include:

- studying a course accredited by the Royal Geographical Society (with the Institute of British Geographers)
- the number of students attending Welsh-medium lectures and seminars tend to be fewer, meaning that you will get to know your fellow students and lecturers better, and there are more opportunities for innovative teaching and assessment methods
- being taught by world-leading researchers in their respective fields throughout your course. You will receive education of the highest quality by subject specialists who use the best traditional and modern teaching methods
- financial assistance, work placement and language skills certificate: the Coleg Cymraeg Cenedlaethol Scholarships of up to £3,000 are available to students who study our BSc Daearyddiaeth degree. As part of the scholarship you will also benefit from an arranged work placement and an opportunity to work towards the Coleg Cenedlaethol's Language Skills Certificate qualifications
- a broad range of fieldwork opportunities including a free trip at the beginning of the first year. In the third year, Daearyddiaeth students have the option of a residential trip, currently to northern Spain. Other destinations include Wales, Crete and Berlin. Destinations subject to change.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> F801.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> This degree will also be available as a four-year course with an integrated year in industry or an integrated year studying abroad Geography p.118, Human Geography p.121 Physical Geography p.122.

 You can study this course (as joint honours) with: History, International Politics, Welsh and Welsh History. Please see p.20.
 This course is also available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years.

## Accredited by:



# Physical Geography

## BSc (Hons)

The BSc Physical Geography degree allows you to explore the fundamental processes that shape the world in which we live. Supported by world-leading research conducted by our staff, key themes include: quaternary environmental change; hydrological systems; glacial processes; geomorphology; soil system science; and ecosystem dynamics.

As a physical geography student, you can also choose to study topics of an interdisciplinary nature, including environmental management; sustainability; Earth resources; and natural hazards. The structure of the degree enables you to either specialise in a particular field or to maintain a breadth of interest throughout your course.

Opportunities at Aberystwyth for Physical Geography students include:

- studying a course accredited by the Royal Geographical Society (with the Institute of British Geographers)
- use of exceptional facilities for laboratory work in chemical and physical analysis (for example, for soils, water quality and pollen work), and access to the latest remote sensing and GIS packages
- a broad range of fieldwork opportunities including a free trip at the beginning of the first year. In the second year we offer a range of trips to suit a variety of specialisms and budgets, currently to South and Mid Wales (free) and Crete (at additional cost). Optional day trips are also embedded in many modules throughout your degree (fieldwork destinations are subject to change)
- being taught by world-leading researchers in their respective fields throughout your course.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> F840.
	<b>Duration:</b> 3 years.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
	<b>Assessment weighting:</b> 40% coursework, 60% exams.

	<b>Related courses:</b> Environmental Earth Science p.116, Environmental Science p.117, Geography p.118.
	This degree is also available with a year in industry (F846), which is four years in duration. The work placement is taken in the third year.
	<b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Earth Surface Environments\*
- Living with Global Change\*
- Researching the World: Data Collection and Analysis.

### Second year:

- How to build a planet\*
- An introduction to Rocks and Minerals
- Life on Earth\*
- Geographic Information Systems
- Catchment Systems\*
- Chemical Analysis of Natural Materials
- Geography Fieldwork\*
- Physical Analysis of Natural Materials
- Reconstructing Past Environments\*
- The Frozen Planet
- Geohazards\*.

### Final year:

- Geography Dissertation\*.

In your final year you have a wide range of option modules to choose from relating to our key themes of: glaciology; hydrology; environmental change; volcanic activity and Earth and environmental science.

*\* also available partially or entirely through the medium of Welsh.*

## Accredited by:



	<b>Field trips/fieldwork:</b> Yes.
	You can also study this course with a year studying abroad (F845). Students on this course would typically spend their third year studying at a university abroad, and would return for the fourth year in Aberystwyth.
	<b>You can study this course with:</b> Computer Science, Education and Mathematics. Please see p.20.



*Being introduced to the landscapes of Wales on the first year induction trip.*

# History and Welsh History

## Our courses...

History	p.126
History and Welsh History	p.127
Medieval and Early Modern History	p.128
Modern and Contemporary History	p.130
Politics and Modern History	p.131

From the ancient world to contemporary America, from the monks of medieval Wales and the Samurai of Japan to Victorian scientists and twentieth-century dictators, our History degrees will introduce you to cultures and societies throughout time and across the globe. Aberystwyth is an ideal place to study History because of our commitment to small-group, research-led teaching, and our unrivalled archival resources.

*Aberystwyth's student Medieval re-enactment society at the Aberystwyth Castle. A Grade 1 listed Edwardian fortress, the Castle was built in response to the First Welsh War of the late 13th Century, and was taken over by Owain Glyndwr and his army in 1404.*



**99%** of our graduates were in work or further study within 6 months

(HESA 2018)

# History

## BA (Hons)

A degree in history enables you to place the past in perspective, gain a deeper understanding of society and the world, as well as develop the analytical skills of interpretation, analysis and communication that are so vital in the workplace. The interests of our lecturers at Aberystwyth span the medieval to the modern world, so you can choose from a wide range of political, social, economic and cultural history modules across different periods and continents.

During your degree, you will develop the skills of a historian by learning the methods by which we examine and engage with the past. As you explore the department's wide range of modules, you will become familiar with thought-provoking historical theories, up-to-date research methods and fascinating historical sources, ranging from medieval manuscripts and early modern ballads to modern mass media, oral history and material culture. These modules will prepare you to undertake your own research for your final year dissertation as well as for the world beyond university.

Opportunities at Aberystwyth for History students include:

- studying in the oldest history department in Wales, with over a 100 years of world-class scholarship and teaching
- a wide range of history modules, taught by experts in the field
- innovative teaching methods, with emphasis on primary sources
- full student access to the books, manuscripts and archives of the National Library of Wales (just a five-minute walk from the Department), one of the five copyright libraries of the UK, the national archive depository of Wales, and one of the principal historical archive collections in the UK
- study abroad opportunities for all students in Europe, the USA, Canada, Australia and beyond
- extra-curricular activities including field trips and student-led conferences
- history-related work placements and internships.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> V100 (V102 with integrated year of studying abroad)
 <b>Duration:</b> 3 years (V102 is 4 years).
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

 <b>Assessment weighting:</b> We use a mixture of essays, exams, short projects, oral assessments and other assignments in our module assessment. Please see individual module descriptions for specific details.
 <b>Related courses:</b> History and Welsh History p.127, Medieval and Early Modern History p.128, Modern and Contemporary History p.130, Politics and Modern History p.131.

## Modules

The course is structured around a set of key core modules that will develop your historical skills and understanding through your degree.

### First year:

- Introduction to History\*
- History for Life\*.

### Second year:

- Making History\*.

### Third year:

- Dissertation\*.

You will also have a choice of optional modules which vary year to year. Current modules include: Knighthood and Chivalry in High Medieval England, 1066-1300; The European Reformation; Crime and Daily Life in Early Modern England and Wales; The Ottoman Empire and Early Modern Travel Writing; Wales under the Tudors; The Atlantic World; Science, Religion and Magic; Poverty and Welfare in Modern Britain; Between Revolution and Reform: China since 1800; the Weimar Republic; the 'Myth of the Blitz'; the Third Reich; The Vietnam War; Germany since 1945 and many others.

*\* also available partially or entirely through the medium of Welsh.*

 <b>You can study this course (as joint honours and some as major/minor) with:</b> Drama and Theatre Studies, Education, English Literature, French, German, International Politics, Mathematics, Spanish, Welsh and Welsh History. Please see p.20
 This degree will also be available as a four year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years (V10F with integrated year in foundation).

# History and Welsh History

## BA (Hons)

Aberystwyth is a leading centre of Welsh and Celtic scholarship and the Department of History and Welsh History has played a prominent role in the development of historical studies in this area. This degree allows you to study key elements of Welsh history while gaining a broader knowledge of history.

This course provides you with a specialist degree in Welsh history combined with history. It enables you to take a range of modules in Welsh history, from the medieval period through to the modern day. You will also choose from the wide range of modules we offer on other regions and time periods. Students on this degree scheme benefit from the opportunity of studying at a specialist centre for Welsh history whilst also developing their interests in history more widely.

Opportunities at Aberystwyth for History and Welsh History students include:

- studying in the oldest history department in Wales, where Welsh history has been taught since the 1880s
- a wide range of history modules, taught by experts in the field, with emphasis on primary sources
- use of the University library's unrivalled collection of Celtic literature and historical works, as well as the National Library of Wales, one of the five copyright libraries in the UK and the national archive depository of Wales
- access to our wide range of study abroad opportunities both in Europe and the wider world
- to take part in extra-curricular activities such as student conferences and field trips
- on this course you will be working with staff who are internationally recognised experts in their field
- history-related work placements and internships.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> VVC2.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment weighting:</b> We use a mixture of essays, exams, short projects, oral assessments and other assignments in our module assessment. Please see individual module descriptions for specific details.
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to History\*
- History for Life\*.

### Second year:

- Making History\*.

### Third year:

- Dissertation\*.

You will also have a choice of optional modules which vary year to year. Current modules include: Knighthood and Chivalry in High Medieval England, 1066-1300; The European Reformation; Crime and Daily Life in Early Modern England and Wales; The Ottoman Empire and Early Modern Travel Writing; Wales under the Tudors; The Atlantic World; Science, Religion and Magic; Poverty and Welfare in Modern Britain; Between Revolution and Reform: China since 1800; the Weimar Republic; the 'Myth of the Blitz'; the Third Reich; The Vietnam War; Germany since 1945 and many others.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> History and Welsh History p.127, Medieval and Early Modern History p.128, Modern and Contemporary History p.130, Politics and Modern History p.130.

# Medieval and Early Modern History

## BA (Hons)

The Medieval and Early Modern History degree scheme enables you to pursue and develop your interests in history, both in Britain and globally, in the period between the Norman Conquest and the French Revolution. Aberystwyth is a centre for research on medieval and early modern societies focusing on ideas, economy, power and historical and material culture. Themes such as war, religion, economics, power and gender are amongst the many topics covered on this degree scheme.

On this course you will be working with staff who are internationally recognised experts in their fields. You will get the chance to work in small groups, with original medieval and early modern sources, in a first-class research environment that prides itself on its dedication to teaching. Studying medieval and early modern history at Aberystwyth provides you with the opportunity to choose from a wide range of modules that cover events and themes such as the great famine and black death, the crusades, slavery and conquest in the atlantic world as well as state and society in Britain, Europe and beyond, amongst many more topics.

Opportunities at Aberystwyth for Medieval and Early Modern History students include:

- studying in the oldest history department in Wales, with over 100 years of world-class scholarship and teaching in medieval and early modern history
- a wide choice of modules, taught by experts in the field, with emphasis on primary sources and their interpretation
- full student access to the books, manuscripts and archives of the National Library of Wales (just a five-minute walk from the Department), one of the five copyright libraries of the UK, the national archive depository of Wales, and one of the principal historical archive collections in the UK
- study abroad opportunities for all students in Europe and beyond
- extra-curricular activities including field trips and the Aberystwyth medieval history student conference
- history-related work placements and internships.

## Key facts



**Degree type:** BA.



**UCAS Code:** V190.



**Duration:** 3 years.



**Typical offer:**  
**UCAS tariff points:** 120-96.  
**IB:** 30-26 overall.



**Assessment weighting:**

We use a mixture of essays, exams, short projects, oral assessments and other assignments in our module assessment. Please see individual module descriptions for specific details.



**Study abroad opportunities:**

Yes.



**Field trips/fieldwork:** Yes.



**Related courses:** History p.126, History and Welsh History p.127, Modern and Contemporary History p.130, Politics and Modern History p.131.

## Modules

The course is structured around a set of key core modules that will develop your historical skills and understanding through your degree.

**First year:**

- Introduction to History\*
- History for Life\*.

**Second year:**

- Making History\*.

**Third year:**

- Dissertation\*.

You will also have a choice of optional modules which vary year to year. Current modules include: Knighthood and Chivalry in High Medieval England, 1066-1300; The European Reformation; Crime and Daily Life in Early Modern England and Wales; The Ottoman Empire and Early Modern Travel Writing; Wales under the Tudors; The Atlantic World; Science, Religion and Magic; Poverty and Welfare in Modern Britain; Between Revolution and Reform: China since 1800; the Weimar Republic; the 'Myth of the Blitz'; the Third Reich; The Vietnam War; Germany since 1945 and many others.

\* also available partially or entirely through the medium of Welsh.



# Modern and Contemporary History

## BA (Hons)

Our degree in Modern and Contemporary History is designed to illuminate the recent past and how it shapes the world today. By focusing on the period after the French Revolution to the modern day you will learn to interpret and understand historical concepts, key events and developments spanning from local to global history.

On this degree scheme you can follow modules on the history of Britain, Europe, the Americas and Asia from the 1750s to the present day. You will explore eras marked by mass participation, whether in politics, war or culture, and assess the contradictions of modernity, from the growth of democracy and the rise of welfare states to world wars and genocides, and from the promise of reason, science and technology to the realities of globalisation and media overload. In your final year dissertation you will have the opportunity to pursue for yourself some of the historical questions and sources you have encountered over your degree studies.

Students at Aberystwyth University have full access to the reading rooms at the National Library of Wales, which is one of five copyright libraries in the UK. This is an excellent resource for History students, as it holds a vast collection of scholarship on global as well as British history, as well as a wealth of primary sources. These range from medieval manuscripts, early modern court and land records and even the papers of great leaders such as the First World War Prime Minister David Lloyd George, amongst many others.

Opportunities at Aberystwyth for Modern and Contemporary History students include:

- studying in the oldest history department in Wales, with over a 100 years of world-class scholarship and teaching
- a wide choice of modules, taught by experts in the field, with emphasis on modern and contemporary primary sources and their interpretation
- study abroad opportunities for all students in Europe and beyond;
- extra-curricular activities including field trips and the Aberystwyth modern history student conference
- history-related work placements and internships.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> V191.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment weighting:</b> We use a mixture of essays, exams, short projects, oral assessments and other assignments in our module assessment. Please see individual module descriptions for specific details.
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 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> History p.126, History and Welsh History p.127, Modern and Contemporary History p.130, Politics and Modern History p.131.

## Modules

The course is structured around a set of key core modules that will develop your historical skills and understanding through your degree.

### First year:

- Introduction to History\*
- History for Life\*

### Second year:

- Making History\*.

### Third year:

- Dissertation\*.

You will also have a choice of optional modules which vary year to year. Current modules include: Knighthood and Chivalry in High Medieval England, 1066-1300; The European Reformation; Crime and Daily Life in Early Modern England and Wales; The Ottoman Empire and Early Modern Travel Writing; Wales under the Tudors; The Atlantic World; Science, Religion and Magic; Poverty and Welfare in Modern Britain; Between Revolution and Reform: China since 1800; the Weimar Republic; the 'Myth of the Blitz'; the Third Reich; The Vietnam War; Germany since 1945 and many others.

*\* also available partially or entirely through the medium of Welsh.*

# Politics and Modern History

## BA (Hons)

Our Politics and Modern History degree focuses on the study of recent political ideas and institutions in a historical context, allowing you to understand how such ideas and institutions have developed over time. At Aberystwyth, this degree combines the expertise of historians and political scientists from both the department of History and Welsh History and the department of International Politics in an integrated course structure that allows you flexibility in your choice of modules.

During your degree you will learn about concepts in history and political theory through the study of new and exciting historical and political scholarship. This degree allows you to develop your interest in history and politics and choose from the wide range of modules available in both departments. You will acquire the skills of the historian through a focus on primary sources and historical scholarship, while benefitting from the study of political science and international politics. In your final year you will also write a dissertation on either a political or a historical topic using the critical research skills developed over the course of your degree.

Opportunities at Aberystwyth for Politics and Modern History students include:

- studying in the oldest history department in Wales and the oldest International Politics department in the world, each with over a 100 years of world-class scholarship and teaching
- a wide choice of modules, taught by experts in the field
- the use of the University library's unrivalled collection of online modern history and politics resources, and full student access to the National Library of Wales (just a five-minute walk from the Departments), one of the five copyright libraries of the UK
- study abroad opportunities for all students in Europe and beyond
- extra-curricular activities including field trips, student conferences and the International Politics crisis game
- history and politics-related work placements and internships.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> V135.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment weighting:</b> We use a mixture of essays, exams, short projects, oral assessments and other assignments in our module assessment. Please see individual module descriptions for specific details.
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 <b>Study abroad opportunities:</b> Yes.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to History\*
- History for Life
- Exploring the International 1: Central Concepts and Core Skills\*
- Politics in the 21st Century.

### Second year:

- Making History\*
- People and Power: Understanding Comparative Politics Today.

### Third year:

- Dissertation\*

You will also have a choice of optional modules which vary year to year. Current modules include: Knighthood and Chivalry in High Medieval England, 1066-1300; The European Reformation; Crime and Daily Life in Early Modern England and Wales; The Ottoman Empire and Early Modern Travel Writing; Wales under the Tudors; The Atlantic World; Science, Religion and Magic; Poverty and Welfare in Modern Britain; Between Revolution and Reform: China since 1800; the Weimar Republic; the 'Myth of the Blitz'; the Third Reich; The Vietnam War; Germany since 1945 and many others.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> History p.126, History and Welsh History p.127, International Politics p.140, Medieval and Early Modern History p.128, Modern and Contemporary History p.130, Politics p.144.

# Information Studies

## Our courses...

Cultural Heritage Studies	p.134
Computer and Information Sciences	p.135
Information Studies	p.136
Information Management	p.137

Established in 1964, the Department of Information Studies is known as a provider of high quality and professionally orientated courses in information studies. The courses offered, provide a world-class education for those working or planning a career in libraries, archives, and the fast developing world of digital information.



# Cultural Heritage Studies:

## Libraries, Archives and Museums

### BA (Hons)

This degree seeks to introduce you to the cultural heritage aspects of the library, archive and information professions.

Are you interested in:

- how information is organised, used and the role it plays in society?
- looking for information and helping others find information?
- how our heritage and knowledge is stored, shared and preserved?
- understanding how to deal with the massive amounts of information that are generated in the digital world?
- history and especially documents, objects and artefacts that bring history to life?

If you also love reading and research, and want to build these interests into your future career, using these skills to help other people find information, then this could be the degree for you.

You will learn about the management and use of information, heritage resources, archives and records in both digital and physical formats.

Opportunities at Aberystwyth for Cultural Heritage Studies students include:

- being taught by experts in their field, in departments with well-established international reputations in teaching and research in information studies, and history and Welsh history
- studying in a town with a rich information history and range of cultural organisations with which the department of Information Studies has close links including: the National Library of Wales (one of the UK's five copyright libraries), the Royal Commission on the Ancient and Historical Monuments of Wales, the Welsh Books Council, local archives and records offices and the Ceredigion Museum.

#### Employability

Graduates of this scheme will not only be well-prepared for starting out in careers in the heritage sector, including libraries and archives, but also in information-related roles in the business, cultural and the not-for-profit sectors. You will be in a good position to go on to further study, especially professionally-accredited masters qualifications in Information and Library Studies, Archive and Records Management or Digital Curation.

#### Key facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> V700
	<b>Duration:</b> 3 years.

	<b>Study abroad opportunities:</b> Yes.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 points overall.

	<b>Related courses:</b> History p.126, History and Welsh History p.127, Information Studies p.136, Information Management p.137.
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### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Foundations of Information Studies
- The Cultural Heritage Landscape
- Human Communication
- The Archival Inheritance
- Introduction to History.

#### Second and third years:

- Information in a Changing World
- A Cultural History of Record Keeping
- Resource Discovery and Digital Information Management
- Collection Management and Heritage Organisations
- Making History
- Local Studies and Community Heritage.

Please note that during your second and third years, you will be able to choose from a selection of optional modules, including a range of history optional modules, that will complement your core modules.

# Computer and Information Sciences

### BSc (Hons)

Information and the impact of technology are rapidly changing the world we live in. This new degree has been designed to meet the challenges of a world in which the creation, use, management and impact of digital content and information technology are increasingly important.

The changes brought about by networked digital information and social media are creating many new job opportunities. These can be found in the business, private, public and information sectors, where the skills and knowledge of computer science, digital media creation and information management intersect. Many careers require an understanding and ability to analyse the dynamics of online resources, digital information, and social and cultural media, along with skills to solve complex technical problems for their curation and management.

Opportunities at Aberystwyth for Computer and Information Sciences students include:

- being taught by experts in their field, in departments with well-established international reputations in teaching and research in information studies, and computer science
- studying in a town with a rich information history and range of cultural organisations with which the department of Information Studies has close links including: the National Library of Wales (one of the UK's five copyright libraries), the Royal Commission on the Ancient and Historical Monuments of Wales, the Welsh Books Council, local archives and records offices and the Ceredigion Museum
- enjoying access to state-of-the-art equipment in our department of Computer Science.

#### Employability

This degree will equip you to forge a career in a range of professions in the world of digital media and information management in the private or public sectors. Graduates from this programme will benefit from knowledge of the technical, practical and managerial aspects of digital information technology within information environments.

#### Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> P190
	<b>Duration:</b> 3 years.

	<b>Study abroad opportunities:</b> Yes.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 points overall.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Foundations of Information Studies
- Introduction to Programming
- Human Communication
- Programming Using an Object-Oriented Language
- Web Development Tools
- Introduction to Computer Infrastructure.

#### Second and third year:

- Information Behaviour and Digital Literacy
- Modelling Persistent Data
- Programming for the Web
- Social Informatics and Digital Ethics
- Resource Discovery and Digital Information Management
- Web Design and the User Experience or Software Engineering for the Web
- Knowledge and Information Management
- Digitisation and Digital Preservation.

Please note that during your second and third years, you will be able to choose from a range of optional modules that will complement your core modules.

	<b>Related courses:</b> Computer Science p.81, Data Science p.83, Information Management p.137.
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# Information Studies

## BA (Hons)

Are you interested in a career in the information, library and archive sectors?

This degree will provide you with the broad base of knowledge and skills to:

- understand how information is organised and used and the role it plays in society
- be able to decide if information is reliable or real
- understand how to manage the massive amounts of information that is generated digitally.

If you also love reading and research, and want to build these interests into your future career, using these skills to help other people find information, then this is the degree for you.

This new scheme will give you a broad introduction to the field of Information Studies, along with a knowledge of history or media and communication studies. You will be in a good position to go into a range of careers or further study, especially onto professionally accredited Masters qualifications in Information and Library Studies, Archive and Records Management or Digital Curation.

Opportunities at Aberystwyth for Information Studies students include:

- being taught by experts in their field, in a department with a well-established international reputation in teaching and research in information studies
- studying in a town with a rich information history and range of cultural organisations with which the department of Information Studies has close links including: the National Library of Wales (one of the UK's five copyright libraries), the Royal Commission on the Ancient and Historical Monuments of Wales, the Welsh Books Council, local archives and records offices and the Ceredigion Museum.

### Employability

Graduates of this scheme will not only be well-prepared for starting out in careers in the library and archive sectors but also in information-related roles in the business, cultural and the not-for-profit sectors.

### Key facts

 <b>Degree type:</b> BA.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 points overall.
 <b>Study abroad opportunities:</b> Yes.

 <b>Related courses:</b> Cultural Heritage Studies p.134, Information Management p.137, Media and Communication Studies p.202, History p.126.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Foundations of Information Studies
- Human Communication
- The Archival Inheritance.

### Second year:

- Information in a Changing World
- Information Behaviour and Digital Literacy
- Record Revolutions: a Cultural History of Recordkeeping.

### Third year:

- Collection Management and Development in Heritage Organisations
- Extended Project.

Please note that during your second and third years, you will be able to choose from a range of optional modules that will complement your core modules.

# Information Management

## BSc (Hons)

This degree seeks to introduce you to the information and digital aspects of the management and business environment. It aims to meet the challenges of a world in which the creation, use, management and impact of digital content and information technology are increasingly important.

Information and data are key to life in the twenty-first century, in the workplace, in business, in the public and private sectors and in the management of everyday life issues such as education and health.

In the online world, understanding the different types of information available, how it is organised, discovered, used and evaluated, is key to any successful endeavour in the realm of business and beyond.

This new degree scheme will introduce you to fundamental aspects of information management as an important subject area and career path in its own right. It is combined with a solid grounding in business and management, giving you core skills and understanding in the areas of business and organisational environments, and the management of people and organisations.

Opportunities at Aberystwyth for Information Management students include:

- being taught by experts in their field, in departments with well-established international reputations in teaching and research in information studies, and management and business
- studying in a town with a rich information history and range of cultural organisations with which the department of Information Studies has close links including: the National Library of Wales (one of the UK's five copyright libraries), the Royal Commission on the Ancient and Historical Monuments of Wales, the Welsh Books Council, local archives and records offices and the Ceredigion Museum.

### Employability

This integrated degree draws on two strongly related subject areas and will equip you to develop a career in a range of professions within the world of business or information management in the private or public sectors. Or, you may feel inspired to go on to further study, including one of our professionally accredited courses in Information and Library Studies or Digital curation.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> P117.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-112 <b>IB:</b> 30-28 points overall.
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Foundations of Information Studies
- Fundamentals of Management and Business
- Fundamentals of Accounting and Finance
- Human Communication
- Marketing Principles and Contemporary Practice
- Data Analytics or Principles of Tourism Management.

### Second and third years:

- Information Behaviour and Digital Literacy
- Social Informatics and Digital Ethics
- Resource Discovery and Digital Information Management
- Digitisation and Digital Preservation.

Please note that during your second and third years, you will be able to choose from a range of optional modules that will complement your core modules.

 <b>Related courses:</b> Computer and Information Sciences p.135, Computer Science p.81, Business Information Technology p.79, Business and Management p.70, Information Management p.137.
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# International Politics

## Our courses...

International Politics	p.140
International Politics and Climate Change	p.141
International Politics and Global Development	p.142
International Politics and Military History	p.143
Politics	p.144
Strategic, Intelligence and Security	p.145

As the Department of International Politics, the first of its kind in the world, enters its second century we continue to provide an outstanding research and learning environment in which to study the most significant issues and concepts that shape politics and international relations today. Taught by active researchers, our degree schemes will enable you to explore the major political, economic and social forces that are rapidly transforming our world, from climate change to the evolution of war, global inequalities to intelligence and security cooperation, the changing international order to the rise of populism. Our students go on to careers in politics, policy-making, journalism, teaching, NGOs, the armed forces, and business, among many other successful career paths.

**TOP 10 IN THE UK**  
for Teaching Quality and Student  
Experience for the subject of Politics

*(The Times and Sunday Times, Good University Guide 2020)*



# International Politics

## BA (Hons)

With the relative decline of the West, the emergence of new powers, and the increasingly complex and intertwined nature of local, national, regional, international and global challenges, international politics (i.e. politics between states) is entering a new, fascinating and turbulent era. This degree scheme draws on several subjects - politics, history, philosophy, law, geography and sociology - to understand the various dimensions of international politics and its on-going transitions. You will study the concepts, practices, policies, histories and actors that make up international politics as a discipline, and explore the ways in which all these factors are undergoing radical transformation in the twenty-first century.

Students who study International Politics at Aberystwyth will:

- engage with debates about how politics works in a global age, who are the key actors (states, NGOs, international organisations, multinational corporations), what are the significant challenges and what are the prospects for cooperation and conflict
- learn to see and analyse the world from a variety of perspectives (such as realism, liberalism, Marxism, post-colonialism, or feminism) and understand why each one identifies such different solutions to political problems
- apply these concepts and theories about international politics to empirical case studies that illustrate the complex nature of regional, national and international policy-making
- acquire unique insights into international negotiations through participating in real-world crisis scenarios.

## Key facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> L241.
	<b>Duration:</b> 3 years.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.
	<b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book, reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-eds, policy portfolios and concept pieces.

	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.
	<b>Related courses:</b> International Politics and Military History p.143, International Politics and Global Development p.142, Politics p.144, Strategy, Intelligence and Security p.145, International Politics and Climate Change p.141.
	<b>You can study this course (as joint honours or major/minor) with:</b> Drama and Theatre Studies, Economics, French, German, History, Law, Spanish. Please see p.20.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- Behind the Headlines\*.

### Second year:

- International Relations: Perspectives and Debates\*.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- US Foreign Policy
- International State building
- Justice Order and Human Rights
- International Relations: Perspectives and Debates
- Economic Diplomacy and Leadership
- Fear, Cooperation and Trust in World Politics
- Contemporary Latin America

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

	This degree is also available partly through the medium of Welsh (L255).
	This degree is also available as a four-year scheme including an integrated year in industry (L246).
	You may also study International Politics as a four-year degree with a year studying abroad (L242) at a partner university, chosen from a range of world-wide destinations.
	This degree is also available as a four-year course (L24F) with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years.

# International Politics and Climate Change

## BA (Hons)

The planet is facing a climate emergency. Climate change is the most significant and complex challenge to human social, political and economic systems. International politics is key to understanding this complexity and confronting this global crisis. From the individual to the global level action is urgently required. While individual contributions and efforts to save our planet are important, without local, national, regional and global cooperation and coordination the damage to our climate, environment and ecological systems cannot be slowed, let alone reversed. Without states, international organisations, NGOs and social movements working together this existential global challenge cannot be effectively tackled.

What are the obstacles to such cooperation? What possibilities are there to overcome them? These questions are at the heart of this innovative, incisive and intellectually stimulating degree scheme. The course provides a thorough and critical understanding of the interconnectedness of politics and international relations, climate change, the environment and natural resources, inequality and development, and cooperation and conflict. In particular, this programme focuses on evaluating the nature of the climate emergency, its political, economic, social and ecological impacts, and the political, social, economic and human responses to it.

Students who study International Politics and Climate Change at Aberystwyth will:

- engage with and develop a distinct multidisciplinary approach to the international politics of climate change
- analyse the causes and consequence of climate change and environmental degradation, especially from the perspective of international politics
- reflect on ways that states and societies struggle with managing the planet's resources and ecological systems and to develop effective political and societal solutions
- examine links between climate change and other global challenges such as conflict, migration, inequality and governance
- explore through simulations the experience of decision-making processes, negotiations and the politics surrounding contemporary climate governance.

## Key facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> FL72 FL73 (with integrated year in industry)
	<b>Duration:</b> 3 years / 4 years
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

	<b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-Eds, policy portfolios and concept pieces.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- Globalisation and Global Development\*
- Climate Change: Impacts, Perceptions, Adaptations
- The Science of Climate.

### Second year:

- The Governance of Climate Change: Simulation Module
- International Relations: Perspectives and Debates.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- International Politics in the Anthropocene
- People, Progress, Environment: Theories and Histories of Environmental Politics
- Refugee Simulation
- International Politics and Global Development
- Global Inequality and World Politics
- Contemporary Security: Theories and Threats

...to name but a few. For more details on the optional modules available, see our current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

	<b>Study abroad opportunities:</b> Yes
	<b>Field trips/fieldwork:</b> Yes.
	<b>Related courses:</b> International Politics p.140, International Politics and Military History p.143, Politics p.144, Strategy, Intelligence and Security p.145.

# International Politics and Global Development

## BA (Hons)

On this degree, you will explore what international politics looks like when viewed from beyond the developed world. The scheme challenges the Western-centric grand narratives of international politics by studying the interconnectedness of the developed and developing powers, engaging with marginalised issues and voices, as well as exploring the emerging global powers in Latin America, South Asia and East Asia.

You will explore key issues such as colonialism, inequality, development, gender, identity, political economy, culture, race, religion, resistance and social movements. Throughout, you will be exploring different power relations from a diverse range of non-Eurocentric perspectives.

Students who study International Politics and Global Development at Aberystwyth will:

- engage with key debates about the ways that power and inequality operate at the local, regional and global levels and shape global development
- learn to analyse political issues such as governance, poverty, conflict, economic development, colonialism, capitalism, inequality, global health, and post-conflict reconstruction from the perspective of peoples, societies and states in the developing world
- reflect on the significance of factors such as class, race, gender, ideology, religion and nationalism on political decisions and actions taken by and about the developing world and emerging powers.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- Globalisation and Global Development\*.

### Second year:

- International Politics and Global Development.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- Global Inequality and World Politics
- The BRICS in World Politics
- Women and Global Development
- Global Health
- Religion and Politics in the Middle East
- Global Politics and the Refugee Regime

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> LL31.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-eds, policy portfolios and concept pieces.
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 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> International Politics p.140, International Politics and Military History p.143, Politics p.144, Strategy, Intelligence and Security p.145.

# International Politics and Military History

## BA (Hons)

On this scheme you will study warfare as it has developed since the time of Napoleon in all its technological, military, social and cultural dimensions.

War and conflict have been central to international relations throughout human history. This scheme will introduce you to the evolution of key ideas and practices concerning the nature and conduct of war: the principles of war, the role of battle, the importance of leadership and the power of industry. Our modules focus on the nineteenth and twentieth centuries, within the context of the international political world.

Students who study International Politics and Military History at Aberystwyth will:

- engage with key debates about the changing character of war and its impact on civilian populations, as well as on the variety of ways that scholars interpret military history
- learn to analyse militaries and military operations from a variety of perspectives, such as the role of leadership, the significance of strategic thought and the lessons that can be learned from battles and wars
- reflect on the relationship of wars and militaries with political institutions, economic issues and ideologies such as nationalism.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> LV2H.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-eds, policy portfolios and concept pieces.
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 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- The Making of the Modern World: War, Peace and Revolution since 1789.

### Second year:

- Warfare after Waterloo: Military History 1815-1918.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- A Military History of the United States
- Arab-Israeli Wars
- A Century of Conflict: Global Warfare from 1918-2018
- Military History Campaign study
- War Crimes
- Churchill's Wars: From the Age of Empire to the Cold War
- The Second World War in Europe

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

 <b>Related courses:</b> International Politics p.140, International Politics and Global Development p.142, Politics p.144, Strategy, Intelligence and Security p.145, International Politics and Climate Change p.141.
 This degree is also available as a four-year course (L24F) with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Politics

## BA (Hons)

Politics at Aberystwyth will develop your understanding of political regimes and systems, political actors and governments, and processes of political decision-making. You will also get the opportunity to learn about key political concepts and how they are contested in contemporary politics: power, democracy, freedom, inequality, rights, citizenship, representation and legitimacy.

Modules will introduce you to current political debates such as the future of the UK after Brexit, dilemmas of modern migration, the rise of populist nationalism, and the future of democracy. There is also a strong emphasis on studying politics from a comparative perspective. The exploration of different political forces and relationships will draw on examples from the practice of politics in different parts of the world, and you can therefore develop your knowledge of politics in the UK, Europe, North and Latin America, Russia and Asia. Throughout the scheme, you'll be discussing different arguments, rival theories and alternative explanations, as well as building up the analytical skills that are so important in the workplace.

Students who study Politics at Aberystwyth will:

- critically engage with key debates about fundamental issues of politics, such as good government, the nature of the state, justice and rights, and the rule of law
- learn to use the tools of political science to analyse the forms that politics and government take in different states and societies, from liberal and social democracies through to autocratic and authoritarian regimes
- reflect on the ways that states and societies practically address the political problems surrounding, for example, access to and the distribution of limited resources, the balance between order and justice, liberty and security, rights and opportunities, and between power at the local, national and international level.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> L203.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-eds, policy portfolios and concept pieces.
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 <b>Study abroad opportunities:</b> Yes.
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 <b>Field trips/fieldwork:</b> Yes.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- Politics in the 21st Century\*.

### Second year:

- People and Power: Understanding Comparative Politics Today\*.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- UK Politics
- Nationalism in Theory and Practice
- Gender and sexuality in the Americas,
- Politics in Russia
- European Union Politics
- US Politics Past and Present
- Populists politics

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

 <b>Related courses:</b> International Politics p.140, International Politics and Climate Change p.141, International Politics and Military History p.143, International Politics and Global Development p.142, Strategy, Intelligence and Security p.145.
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 This degree is also available partly through the medium of Welsh (L201).
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# Strategy, Intelligence and Security

## BA (Hons)

In an increasingly interconnected, contested and complex world, international actors face a range of security challenges. These include inter and intra-state conflict, international terrorism, cyber threats, nuclear proliferation, global health pandemics, transnational crime, population displacement, natural disasters, and climate change. You will draw on ideas from strategic, intelligence and security studies to understand and analyse these challenges from different perspectives and explore innovative and holistic responses to them.

You will explore the complexities of how intelligence is gathered and assessed before it is disseminated to decision-makers and examine how this process and its products influence responses to security threats. You will also get an opportunity to evaluate the importance of information, secrecy, and surveillance while considering the ethical, moral and legal implications that arise from engaging in intelligence activities through historical case studies.

Modules on strategic studies will enable you to situate intelligence dilemmas within the framework of the key strategic concepts that shape our understanding of war and peace. Through an examination of the nature and character of war, you will learn how various actors, technology, geography, and ideology bring about change or create continuity within the international system.

Modules on security studies will enable you to identify and understand the range of threats, risks, and challenges to international, national and individual security.

Students who study Strategy, Intelligence and Security at Aberystwyth will:

- analyse a multitude of threats, risks and challenges affecting the global, regional, national, societal and individual levels
- explore the multi-faceted nature of global challenges by adopting strategic, intelligence and security perspectives
- apply historical and theoretical insights to real-life case studies in order to understand the nature of contemporary strategic, intelligence and security challenges in international politics
- develop analytical and problem-solving abilities through strategic gaming and role-plays that simulate real-world decision-making.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> L252.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 <b>IB:</b> 30-26 overall.

 <b>Assessment:</b> Across all three years we have a diverse range of assessments, including: essays, book reviews, exams, policy reports, skills assessments, presentations, review pieces and Op-eds, policy portfolios and concept pieces.
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 <b>Study abroad opportunities:</b> Yes.
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## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring the International: Central Concepts and Core Skills\*
- War, Strategy and Intelligence.

### Second year:

- Strategy, Intelligence and Security in International Politics.

### Third year:

- Dissertation\*.

On each year of the degree, and especially in the second and third years, you'll study several optional modules. These may include:

- NATO: from Cold War to Hybrid War
- The Making of National Security Policy
- Spies at War
- Propaganda and Secret Intelligence
- Russian Intelligence from Lenin to Putin
- Terrorism and Counter Terrorism

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> International Politics p.140, International Politics and Climate Change p.141, International Politics and Military History p.143, International Politics and Global Development p.142.

# Law

## Our courses...

Buisness Law	p.152
Criminal Law	p.153
European Law	p.154
Human Rights	p.155
Law	p.149
Law and Criminology	p.150
Senior Status Law	p.156

All of our law degrees are recognised as qualifying law degrees in both branches of the profession, allowing graduates to pursue the Bar Professional Training Course (for intending barristers) or the Legal Practice Course (for those intending to qualify as solicitors). Our law degrees also provide you with a foundation in law for the purposes of the Solicitors' Qualifying Examination.

**TOP 10 IN THE UK**  
for Teaching Quality and  
Student Experience for the  
subject of Law

*(The Times and Sunday Times Good University  
Guide 2020)*



# Why study Law at Aberystwyth University?

The Department of Law and Criminology at Aberystwyth University is one of the oldest and most established Law departments in Wales. From the start of your degree, you will benefit from access to our established connections with local legal professionals and be encouraged to engage with real clients and case work under the guidance and support of our esteemed academic team. Students also benefit from unrivalled resources such as the National Library of Wales (one of only five copyright libraries in the UK), just a few minutes' walk away.

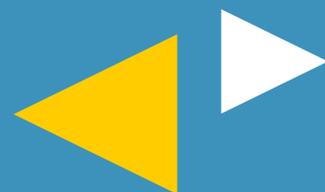
## Why Aberystwyth?

With over 100 years of teaching experience, we combine modern approaches to learning and will encourage you to develop professional skills throughout the duration of your degree. This is one of the reasons why the University has been awarded University of the Year for Teaching Quality two years consecutively by *The Times and Sunday Times Good University Guide* 2018 and 2019.

In addition, you will also learn from internationally renowned lecturers who are actively engaged in cutting-edge research. The research undertaken within the Department creates a stimulating learning environment and offers you the chance to contribute to wider law and policy debates. You will also benefit from our strong links with alumni all over the world.

## Your Future: Employability

Figures released in June 2018 by the Higher Education Statistics Agency (HESA) show that 96.8% of our full-time, first degree students were either in work or further study six months after graduating from Aberystwyth University in 2017 (HESA 2018).



## The Family Legal Clinic

The Clinic, which is shortlisted for 'The LawWorks Cymru Award 2018' offers free confidential legal advice in family and child law, an area where people may find it difficult to find or afford other legal services. At the same time, the Clinic provides an opportunity for students to gain valuable real-life experience and put theory into practice. Everything that the Clinic does is overseen by an experienced solicitor, ensuring a consistently high standard of legal advice throughout.

## 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.

## Employability skills for professionals

This module integrates community service with academic study to enrich learning, teach civic responsibility, and strengthen the local community and its rootedness in the unique history, environment, culture and economy of Ceredigion. It consists of ring-fenced high-quality credit-bearing bilingual placement opportunities with major local employers.

## Law

### LLB (Hons)

Studying our degree, which is recognised by the Bar Standards Board and the Solicitors Regulation Authority, will give you the opportunity to examine the law, how it functions, and the relations between justice and injustice in society.

You will study the foundational legal subjects, while also having the opportunity to tailor your degree according to your own interests, from a range of optional modules covering contemporary and specialist areas of law.

The Department offers a range of subjects, ranging from those with a strong focus on current law and practice (termed 'black letter' law to those with a more sociological and theoretical basis). Therefore, the subject encompasses very practical discussions of whether or not an individual has broken the law, to more theoretical considerations of what law is and how it might be changed.

Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely and are qualifying law degrees for those purposes.

Specialist opportunities at Aberystwyth for Law students include:

- being part of one of the most experienced and well-regarded Law departments in Wales
- studying a range of modules including work experience
- the chance to study criminology alongside law
- the chance to join the moot society which competes in and hosts a number of competitions during the academic year
- expertise in criminal law, business law, European law and human rights
- opportunities to study through the medium of Welsh and to study the specific law of Wales.

### Employability

Our degree in Law is a valuable qualification for a range of careers. Recent graduates are succeeding in criminology, financial management, business, human resources, international relations, journalism and education. Throughout your training you will develop a wealth of core legal skills and other skills that can be easily transferred into almost any graduate or professional employment situation. This degree provides an excellent foundation in law for those intending to take the Solicitors' Qualifying Examination.

## Key facts

	<b>Degree type:</b> LLB.
	<b>UCAS Code:</b> M100.
	<b>Duration:</b> 3 years.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
	<b>Assessment weighting:</b> 50% coursework, 50% exams.
	<b>Study abroad opportunities:</b> Yes.

	<b>Field trips/fieldwork:</b> Yes.
	<b>Related courses:</b> Business Law p.152, Criminal Law p.153, Criminology p.92, Criminology with Criminal Psychology p.93, European Law p.154, Human Rights p.155.
	We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First Year:

- Contract Law
- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Tort.

### Second Year:

- Public Law\*
- European Law\*.

### Third Year:

- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

	<b>You can study this subject (as a major) with:</b> French, German and Spanish. For more information see p.20.
	We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines. For more information see p.20.
	This degree is also available as a four-year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Law and Criminology

## LLB (Hons)

This course is perfect for anyone ambitious for a law career in the twenty-first century. This challenging and stimulating course within the department of Law and Criminology will introduce you to the basics of law alongside criminology modules which introduce theories and debates relating to crime, deviance, victimhood, law and punishment.

You will benefit from the experience and the enthusiasm of our expert staff, many of whom have also practised as barristers, solicitors, thus providing a practical application to your theoretical studies.

Our fascinating LLB degree combines our expertise in law and criminology to prepare you for employment in the legal profession and criminal justice system. This Qualifying Law Degree draws upon our established expertise in both Law and Criminology, allowing you to gain a multidisciplinary view of crime. Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely, and are qualifying law degrees for those purposes.

The objective of this scheme is to ensure that after the building blocks of the first year, students have complete freedom of choice, with little or no compulsory modules from the second year.

With our course, you'll have the opportunity to practise your skills as you study. Work placements are available for this programme. We place our students with relevant local employers, so you get work experience alongside your theoretical studies. You'll be encouraged to put your skills to good use through our *Family Legal Clinic*, where you can help people and get your first taste of the law in practice.

You will be taught by an expert teaching team whose expertise and knowledge are closely matched to the content of the modules on the course. The team includes senior academics and professional practitioners with industry experience.

### Employability

A degree in law and criminology is a valuable qualification for a range of careers. Recent graduates are succeeding in criminology, financial management, business, human resources, international relations, journalism and education. Upon completion of this degree, you will emerge with real-world capabilities, enabling you to shape your future and develop the career you deserve.

### Key facts

	<b>Degree type:</b> LLB.
	<b>UCAS Code:</b> MM91
	<b>Duration:</b> 3 years.
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
	<b>Assessment weighting:</b> 50% coursework, 50% exams.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

	<b>Related courses:</b> Business Law p.152, Criminal Law p.153, Criminology p.92, Criminology with Criminal Psychology p.93, European Law p.154, Human Rights p.155.
	We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.
	<b>You can study this subject (as a major) with:</b> French, German and Spanish. For more information see p.20.

### Modules

Below is an indicative list of core modules that you may study on this course.

- Introduction to Criminology
- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Crime Control and Prevention
- Commercial Law
- Company Law
- Criminal Justice Placement
- Criminal Justice and the Penal System
- Employability Skills for Professionals
- Drugs and Crime
- Family and Child Law
- Humanitarian Law
- Labour law
- Human Rights
- Police, Policing and Society
- Principles of Evidence
- Public Law\*
- European Law\*
- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

	We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines.
	The Department of Law and Criminology offer a four-year LLB Law with an integrated foundation year (M10F). The first year of this course will bring you up to university entry level, preparing you for the final three years.



# Business Law

## LLB (Hons)

A basic understanding in law is essential to the successful running of any business. Whether you intend to run your own, or whether you intend to advise the commercial sector, the Business Law degree is an opportunity to gain a deep understanding of corporate responsibility, management structures and employment law.

On this degree you will focus your studies more specifically on modules related to commercial law, company law, and corporate liability. In addition to providing a foundation for careers in the commercial sector, it also provides a basis for a future career in human resources, business management and business advice.

On these themed degrees, the first year of study will be the same as for the LLB Law degree and the second and final year will focus more specifically on the theme in question.

The first year of a themed LLB degree scheme provides you with a foundation to studying law, with a focus on the fundamental skills needed to understand legal materials and the legal system, and also the key principles of the core legal subjects, including criminal law and civil disputes in contract and torts.

The second and third years build on these key principles, but also allow you to explore other areas of law. You may also tailor your choice of optional modules according to your own interests and career aspirations.

Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely and are qualifying law degrees for those purposes.

### Employability

A degree in business law is a valuable qualification for a range of careers. Recent graduates are succeeding in financial management, business and human resources. Upon completion of this degree, you will emerge with real-world capabilities, enabling you to shape your future and develop the career you deserve.

## Key facts

 <b>Degree type:</b> LLB.
 <b>UCAS Code:</b> M140
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
 <b>Assessment weighting:</b> 50% coursework, 50% exams.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Law p.149, Criminal Law p.153, European Law p.154, Human Rights p.155.
 We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.

## Modules

Below is an indicative list of core modules that you may study on this course.

- Introduction to Criminology
- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Commercial Law
- Company Law
- Labour law
- Human Rights
- Employability Skills for Professionals
- Principles of Evidence
- Public Law\*
- European Law\*
- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

 We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines.
 The Department of Law and Criminology offer a four-year LLB Law with an integrated foundation year (M10F). The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Criminal Law

## LLB (Hons)

This degree will give you the opportunity to study aspects of the criminal legal system in greater detail and includes aspects such as the regulation of criminal behaviour and the effectiveness of punishment and rehabilitation mechanisms. The department currently offers modules such as evidence, criminal justice and the penal system and introduction to criminology.

This scheme will provide you with a valuable foundation for a career in criminal legal work either as a solicitor or a barrister, but also in other areas of the criminal justice system including the police, the prison service and the probation service.

On these themed degrees, the first year of study will be the same as for the LLB Law degree and the second and final year will focus more specifically on the theme in question.

The first year of a themed LLB degree scheme provides you with a firm basis to studying law, with a focus on the fundamental skills needed to understand legal materials and the legal system, and also the key principles of the core legal subjects, including criminal law and civil disputes in contract and torts.

The second and third years build on these key principles, but also allow you to explore other areas of law. You may also tailor your choice of elective modules according to your own interests and career aspirations.

Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely and are qualifying law degrees for those purposes.

### Employability

Our degree in Criminal Law is a valuable qualification for a range of careers. Some common career paths of our graduates include: legal professions, government advisory departments, investigating justice and victim support, policing, the prison service and probation service. Upon completion of this degree, you will emerge with real-world capabilities, enabling you to shape your future and develop the career you deserve.

## Key facts

 <b>Degree type:</b> LLB.
 <b>UCAS Code:</b> M131
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
 <b>Assessment weighting:</b> 50% coursework, 50% exams.
 <b>Study abroad opportunities:</b> Yes.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Human Rights p.155, Law p.149, Law and Criminology p.150, Criminology p.92 Criminology and Criminal Psychology p.93.
 We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.

## Modules

Below is an indicative list of core modules that you may study on this course.

- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Crime Control and Prevention
- Introduction to Criminology
- Commercial Law
- Company Law
- Criminal Justice Placement
- Criminal Justice and the Penal System
- Drugs and Crime
- Family and Child Law
- Employability Skills for Professionals
- Humanitarian Law
- Labour law
- Human Rights
- Police, Policing and Society
- Principles of Evidence
- Public Law\*
- European Law\*
- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

 We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines.
 The Department of Law and Criminology offer a four-year LLB Law with an integrated foundation year (M10F). The first year of this course will bring you up to university entry level, preparing you for the final three years.

# European Law

## LLB (Hons)

In recent years, the United Kingdom's relationship with the European Union has changed significantly. Law within Europe also includes other aspects of legal regulations, including, most importantly, the European Convention on Human Rights and Fundamental Freedoms.

This degree will provide you with an opportunity to explore the changing nature of the United Kingdom's relationship with Europe, and its development into the future. It provides a foundation for careers in journalism, negotiations where laws conflict, and also politics.

On these themed degrees, the first year of study will be the same as for the LLB Law degree and the second and final year will focus more specifically on the theme in question.

The first year of a themed LLB degree scheme provides you with a foundation to studying law, with a focus on the fundamental skills needed to understand legal materials and the legal system, and also the key principles of the core legal subjects, including criminal law and civil disputes in contract and torts.

The second and third years build on these key principles, but also allow you to explore other areas of law. You may also tailor your choice of optional modules according to your own interests and career aspirations.

Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely and are qualifying law degrees for those purposes.

### Employability

European Law offers you the opportunity to gain knowledge of other legal systems, experiencing another legal culture, enhance your European language skills and develop international links. Depending on your language skills, while abroad you may study in English or in another modern language.

## Key facts

 <b>Degree type:</b> LLB.
 <b>UCAS Code:</b> M120
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
 <b>Assessment weighting:</b> 50% coursework, 50% exams.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Human Rights p.154, Law p.149, Law and Criminology p.150, Senior Status Law p.156.
 We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.

 We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines.
 The Department of Law and Criminology offer a four-year LLB Law with an integrated foundation year (M10F). The first year of this course will bring you up to university entry level, preparing you for the final three years.

## Modules

Below is an indicative list of core modules that you may study on this course.

- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Crime Control and Prevention
- Commercial Law
- Company Law
- Family and Child Law
- Humanitarian Law
- Labour Law
- Employability Skills for Professionals
- Human Rights
- Police, Policing and Society
- Principles of Evidence
- Public Law\*
- European Law\*
- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

# Human Rights

## LLB (Hons)

The study of human rights often transcends national boundaries and may sometimes conflict with individual States' notions of what should be protected as a right. This degree scheme enables you to focus on issues pertaining to the protection of human rights, and the effectiveness of international human rights mechanisms.

The degree can lead to opportunities for employment with human rights organisations such as Amnesty International and a variety of non-governmental organisations such as the United Nations. Recent graduates work in the areas of human rights advocacy, immigration rights, and equality protection.

On these themed degrees, the first year of study will be the same as for the LLB Law degree and the second and final year will focus more specifically on the theme in question.

The first year of a themed LLB degree scheme provides you with a foundation to studying law, with a focus on the fundamental skills needed to understand legal materials and the legal system, and also the key principles of the core legal subjects, including criminal law and civil disputes in contract and torts.

The second and third years build on these key principles, but also allow you to explore other areas of law. You may also tailor your choice of optional modules according to your own interests and career aspirations.

Our LLB degrees provide a foundation for those intending to qualify as a solicitor or a barrister in England and Wales and more widely and are qualifying law degrees for those purposes.

### Employability

The Human Rights LLB (Hons) degree opens up national and international career opportunities in both the legal and rights-related professions. You'll gain the skills to enter roles within NGOs, charities and other civil society bodies specialising in advocacy, protection, public information and education.

## Key facts

 <b>Degree type:</b> LLB.
 <b>UCAS Code:</b> M990
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 128-104 <b>IB:</b> 30-28 overall.
 <b>Assessment weighting:</b> 50% coursework, 50% exams.
 <b>Study abroad opportunities:</b> Yes.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> European Law p.154, Law p.149, Law and Criminology p.150, Senior Status Law p.156, Criminal Law p.153.
 We also offer a two-year graduate LLB scheme (M104) for those who already hold a Bachelors degree in another subject. Please see p.156.

## Modules

Below is an indicative list of core modules that you may study on this course.

- Human Rights
- Introduction to Criminology
- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Crime Control and Prevention
- Commercial Law
- Company Law
- Criminal Justice Placement
- Criminal Justice and the Penal System
- Drugs and Crime
- Employability Skills for Professionals
- Family and Child Law
- Humanitarian Law
- Labour law
- Police, Policing and Society
- Principles of Evidence
- Public Law\*
- European Law\*
- Equity and Trusts\*
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

\* also available partially or entirely through the medium of Welsh.

 We also offer a BA Law degree (M103) for those wishing to combine the study of law with modules from other disciplines.
 The Department of Law and Criminology offer a four-year LLB Law with an integrated foundation year (M10F). The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Senior Status Law

## LLB (Hons)

The LLB Senior Status Law degree at Aberystwyth University is engineered to enhance your career prospects by completion within two years. Taught in the oldest and most established law department in Wales, this course is both challenging and stimulating. The LLB Senior Status Law degree is available to those who already hold an existing Bachelors degree in another subject.

The LLB Senior Status Law Degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority, thus providing a direct route to the legal profession. As a student on this course, you will benefit from the experience and enthusiasm of our expert staff, many of whom have also practised as solicitors - providing a practical application to your theoretical studies. The Department of Law and Criminology's ethos is to nurture ingenuity and your ability to think outside of the box will enable you to emerge from the degree with real-world capabilities, shaping your future and career development.

The LLB Senior Status Law degree is designed to meet employers' needs and you will be taught by experienced legal professionals and academics. The teaching team of the Department of Law and Criminology at Aberystwyth University are active for large organisations e.g. GRETA, the Countryside Council for Wales, the Youth Justice Board, the United Nations Office of the High Commissioner for Human Rights.

Upon completion, you will be eligible to continue vocational training on the Legal Practice Course (LPC), or the Bar Professional Training Course (BPTC). In addition, you will also gain exemption from certain professional examinations by selecting relevant modules.

### Employability

The skills and knowledge that you'll acquire here can open up careers in roles both inside and outside the legal field.

A number of our graduates embark on legal careers as solicitors or barristers; others use their degree as a springboard for a career in management, business or the civil service.

Our career support services include:

- employability workshops, employers' talks, bespoke events and careers fairs
- individual advice and guidance from professionally qualified Careers Advisers
- help with finding jobs, internships, work placements and volunteering opportunities
- access to information resources on a wide range of career management topics
- advice and guidance on postgraduate study and funding.

### Key facts



**Degree type:** LLB.



**UCAS Code:** M104



**Duration:** 2 years.



**Typical offer:** A first degree in any subject achieved with class 2:1 minimum is required for entry onto this two year accelerated LLB degree scheme.



**Assessment weighting:** 40% coursework, 60% exams.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First Year:

- Contract Law
- Criminal Law\*
- Legal and Criminal Justice Systems
- Legal Skills and Research
- Tort.

#### Second Year:

- Equity and Trusts\*
- Public Law\*
- European Law
- Land Law

...to name but a few. For more details on the optional modules available, see the current list on our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*



Lady Justice Statue, The Old Bailey, London.

# Mathematics

## Our courses...

Data Science	p.83
Financial Mathematics	p.160
Mathematics	p.161
Mathematical & Theoretical Physics	p.172

Aberystwyth's mathematics courses are accredited by the Institute of Mathematics and its Applications. Study here and you will learn from enthusiastic and active researchers who specialise in pure mathematics, applied mathematics and statistics.

## TOP 5 IN THE UK

for Teaching Quality and Student Experience for the subject of Mathematics

(The Times and Sunday Times Good University Guide 2020)

# Financial Mathematics

## BSc (Hons)

This bespoke degree will prepare you for work or professional study in the financial sector by teaching you core mathematical skills, including algebra, calculus and statistics, along with specialist mathematical techniques in a financial context and a solid understanding of the principles of financial accounting and management.

As a Financial Mathematics student at Aberystwyth you will:

- benefit from the expertise of lecturers in both the department of Mathematics and Aberystwyth Business School
- be taught by experts in their fields, at the forefront of research in mathematics, statistics and economics
- study a course accredited by the Institute of Mathematics and its Applications.

### Employability

On this course you will be given integrated training in the essential skills demanded by the financial sector from its graduate employees. Our graduates have found employment in accountancy, banking, risk analysis, actuarial work, financial management and investment analysis.

## Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> G1N3.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Maths. <b>IB:</b> 30-28 overall with 5 points in Maths at Higher Level.

 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> Yes.
 <b>Related courses:</b> Mathematics p.160, Accounting and Finance p.24, Business Finance p.26, Data Science p.83.

 It is possible to follow modules from this course after successful completion of a foundation year to bring you up to university entry-level mathematics through our four-year Financial Mathematics with Foundation Year (G1NF)
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## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Algebra\*
- Calculus\*
- Financial Accounting 1
- Probability\*
- Differential Equations\*
- Introduction to Financial Management
- Further Algebra and Calculus\*
- Mathematical Analysis\*
- Statistics\*.

### Second year:

- Applied Statistics
- Corporate Finance and Financial Markets
- Distributions and Estimation;
- Introduction to Numerical Analysis and its Applications\*
- Linear Algebra\*.

### Third year:

- Financial Accounting 2
- Investments and Financial Instruments
- Stochastic Models in Finance.

You'll also choose from a range of optional modules.

*\* also available partially or entirely through the medium of Welsh.*

# Mathematics

## BSc (Hons) / MMath (Hons)

Mathematics has fascinated humanity for thousands of years, from the ancient world to the present day. Mathematics is fundamentally important to modern society, contributing to numerous facets of life, including science, engineering, technology and finance.

The first two years of our Mathematics courses give you a broad introduction to important areas of mathematics, including algebra, calculus, geometry, statistics and mathematical analysis. You will then be able to take advantage of our expertise in your third year by choosing from a wide range of topics based on your own interests.

The Mathematics MMath (G103) degree includes a fourth year to be taken after the three years of the G100 course, during which you will gain a deeper understanding of the subject through supervised project work and specialised modules that reflect the research interests of staff.

As a Mathematics student at Aberystwyth you will:

- benefit from the Department's long and distinguished history of, and commitment to, teaching excellence
- study courses accredited by the Institute of Mathematics and its Applications
- be taught by experts in their fields, at the forefront of research in mathematics and statistics.

### Employability

Our graduates typically find work in the financial sector, engineering, teaching, and as professional statisticians, and many go on to further study.

## Key facts

 <b>Degree type:</b> BSc/MMath.
 <b>UCAS Code:</b> G100/G103/G10N
 <b>Duration:</b> 3 years/4 years.
 <b>Typical offer:</b> <b>BSc - UCAS tariff points:</b> 128-104 to include B in A level Maths. <b>IB:</b> 30-28 overall with 5 points in Maths at Higher Level. <b>MMath</b> - 144-128 to include A in A level Maths. <b>IB:</b> 34-32 overall with 6 points in Maths at Higher Level.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.

 <b>Study abroad opportunities:</b> Yes.
 <b>Related courses:</b> Data Science p83, Financial Mathematics p160, Mathematical and Theoretical Physics p172.
 This course is available with an integrated year in industry.
 It is possible to follow modules from this course after successful completion of a foundation year to bring you up to university entry-level mathematics through our four year Mathematics with Foundation Year (G10F) BSc scheme.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Algebra\*
- Calculus\*
- Classical Dynamics\*
- Coordinate and Vector Geometry\*
- Probability\*
- Career Planning and Skills Development\*
- Differential Equations\*
- Mathematical Analysis\*
- Statistics\*.

### Second year:

- Applied Statistics
- Introduction to Numerical Analysis and its Applications\*
- Complex Analysis\*
- Linear Algebra\*.

Optional modules currently available in the second year include Real Analysis\*, Hydrodynamics\*, Advanced Dynamics, and Distributions and Estimation.

### Third year

You will choose from a range of optional modules depending on your interests, which currently include:

- Group Theory
- Graphs and Networks\*
- Operator Algebras
- Norms and Differential Equations\*
- Partial Differential Equations\*
- Mathematical Models of Biological Systems
- Linear Statistical Models
- Stochastic Models in Finance.

*\* also available partially or entirely through the medium of Welsh.*

 For those who wish to focus more on particular aspects of mathematics or statistics, we offer the following tailor-made schemes which select the relevant modules from the G100 course: Applied Mathematics and Pure Mathematics (G130); Applied Mathematics and Statistics (GG13); and Pure Mathematics and Statistics (GGC3).
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# Modern Languages

## Our courses...

Modern Languages	p.164
French	p.165
Spanish and Latin American Studies	p.166
Joint Honours programmes in Languages	p.167

Aberystwyth is one of a handful of universities in the UK that offers students the opportunity to combine the study of three languages, two of which can be from beginner's level. We also offer a variety of joint honours programmes with other subjects as well as single honours degrees in French and Spanish and Latin American Studies. As well as being surrounded by the languages in the Department, your year abroad will ensure that you'll also be fully immersed in the culture of your chosen language, providing you with insights, knowledge and confidence.

## JOINT 1ST IN THE UK

for graduate prospects in French

*(Complete University Guide 2019)*

## RANKED 8TH IN THE UK

for Modern Languages and Linguistics

*(The Guardian 2019)*

# Modern Languages

## BA (Hons)

Aberystwyth is one of a few universities in the UK that offers the opportunity to combine the study of three languages, two of which will not require prior knowledge. You can choose from among French, Italian, German, and Spanish. You will not only gain practical knowledge of and fluency in three languages, but you will also learn to understand the position of these languages in a wider global context.

Beginners follow an intensive course in the first year, consisting of an intensive language module and general introduction to European civilisation and culture. After the first year, all students on the beginners' course will join students in the advanced level class. If you're joining us at advanced level, the first year will build on and further develop the principles taught at A level, preparing you for the next three years.

During the four-year degree scheme, your linguistic capabilities will be improved and enhanced through weekly classes in listening, reading/writing, translation and conversation.

### Your year abroad

For all students, this is a highlight and will almost certainly be one of the most memorable experiences of your life. We offer our students the following options:

- studying in one of our partnered universities across Europe
- studying in a private language school
- undertaking an English Language Assistantship with the British Council
- undertaking a work experience placement in your chosen country that is relevant to the choice of language degree.

Traditionally on the year abroad, if you're studying more than one language, your time is normally split between two countries, to facilitate total immersion in more than one language and culture.

### Employability

Modern linguists are statistically amongst the most employable graduates, and our degrees take our students across the world. Our graduates enter diverse professions, including teaching, administration, management, marketing, and many more. This degree opens the door to a wide variety of careers, such as the civil service, tourism, social work, librarianship, marketing, publishing and broadcasting.

## Key facts

 <b>Degree type:</b> BA.	 <b>Field trips/fieldwork:</b> Yes.
 <b>UCAS Code:</b> R990.	 <b>Typical offer:</b>
 <b>Duration:</b> 4 years.	<b>UCAS tariff points:</b> 120-104 to include B in a relevant A level language unless to be studied as a beginner.
 <b>Study abroad opportunities:</b> Yes.	<b>IB:</b> 30-28 overall with 5 points in one relevant language at Higher Level unless to be studied as a beginner.

## Modules

On this course you will attend classes which cover key language skills — speaking, reading, writing, and listening — as well as grammar, translation, and linguistics. You will also be able to choose from a range of relevant cultural, literary and historical optional modules pertaining to your chosen languages. You will spend your third year abroad, before returning to Aberystwyth for your final year of study.

# French

## BA (Hons)

This degree is perfect for you if you're interested in the French-speaking world, and are driven to learn more in a collaborative environment. You will be guided through various aspects, themes and periods of French language, socio-political history, literature, film and culture.

The wide range of expertise available within our Department is reflected in the module choices we offer. Students can choose from a range of modules covering: linguistics (both modern and historical); literature (covering a range of historical periods); the history of ideas and artistic movements; film; literary representations of Paris; travel literature; and current affairs.

### Your year abroad

For all students, this is a highlight and will almost certainly be one of the most memorable experiences of your life. We offer our students the following options:

- studying in one of our partnered universities across Europe
- studying in a private language school
- undertaking an English Language Assistantship with the British Council
- undertaking a work experience placement in your chosen country that is relevant to the choice of language degree.

The advantages of studying French at Aberystwyth include:

- substantial amounts of teaching delivered in French, in relatively small groups
- a French studies introductory course designed to equip you with the tools to reflect intellectually on past and contemporary society, politics, artistic movements, and literature in France
- the opportunity to work with leading academics on your chosen topic for your final year dissertation.

### Employability

Modern linguists are statistically amongst the most employable graduates, and our degrees take our students across the world. Our graduates enter diverse professions, including teaching, administration, management, marketing, and many more. This degree opens the door to a wide variety of careers, including in the civil service, tourism, social work, librarianship, marketing, publishing and broadcasting.

## Key facts

 <b>Degree type:</b> BA.	 <b>Typical offer:</b>	 <b>You can study this course (some as joint honours and some as major/minor) with:</b> Law, Tourism Management, Business and Management, Creative Writing, English Literature, Film and Television Studies, German, History, International Politics, Mathematics, Marketing, Drama and Theatre Studies and Spanish. Please see p.20.
 <b>UCAS Code:</b> R120.	<b>UCAS tariff points:</b> 120-104 to include B in A level French unless to be studied as a beginner.	
 <b>Duration:</b> 4 years.	<b>IB:</b> 30-28 overall with 5 points in French at Higher Level unless to be studied as a beginner.	
 <b>Study abroad opportunities:</b> Yes.	<b>Assessment weighting:</b> approx 50% coursework, 50% exams.	
 <b>Field trips/fieldwork:</b> Yes.	 <b>Related courses:</b> Modern Languages p.164, Spanish and Latin American Studies p.166.	

# Spanish and Latin American Studies

BA (Hons)

This four-year degree scheme is designed to provide you with a profound practical knowledge of the Spanish language and will equip you with the much needed tools to reflect on past and contemporary literature, society, cinema, translation and politics both in Spain and Latin America.

This degree has two pathways in the first year only. Beginners (without an A level or equivalent in Spanish) follow an intensive course in the first year, consisting of an intensive language module and a general introduction to Hispanic civilisation and culture. After the first year, all students on the beginners' course will join students in the advanced level class. If you're joining us at Advanced Level, the first year will build on and further develop the principles taught at A level, preparing you for the next three years. You will also take the Hispanic civilisation and culture module.

Our expert staff will guide you through exciting topics such as Spanish and Latin American literature and cinema, Cuba and the Cuban Revolution, and Brazilian Portuguese.

## Your year abroad

For all students, this is a highlight and will almost certainly be one of the most memorable experiences of your life. We offer our students the following options:

- studying in one of our partnered universities across Europe
- studying in a private language school
- undertaking an English Language Assistantship with the British Council
- undertaking a work experience placement in your chosen country that is relevant to the choice of language degree.

The advantages of studying Spanish and Latin American Studies at Aberystwyth include:

- substantial amounts of teaching delivered in Spanish, in small groups
- courses specifically designed to equip you with the tools to reflect intellectually on past and contemporary society, politics, artistic movements, film and literature in the Hispanic world
- the opportunity to work with leading academics on your chosen topic for your final year dissertation.

## Employability

As a Modern Languages graduate, you could pursue careers in many different areas including business and commerce, law, teaching and academia, journalism and the media, culture and heritage, the civil and uniformed services. This course also provides an excellent foundation for postgraduate study.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> R401.
 <b>Duration:</b> 4 years.
 <b>Assessment weighting:</b> approx 50% coursework, 50% exams.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Spanish unless to be studied as a beginner. <b>IB:</b> 30-28 overall with 5 points in Spanish at Higher Level unless to be studied as a beginner.
--

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Modern Languages p.164, French p.165.

## Modules

Core modules you may study in your first year include:

- Brazilian Portuguese (Basic)
- Hispanic Civilisation
- Spanish Language (Beginners/Advanced)
- Study and Research Skills in Spanish and Latin American Studies.

During your second and fourth years you will study Spanish Language as the core module, and will choose from a range of optional modules. Usually you will spend your third year abroad, before returning to study the final year at Aberystwyth.

# Joint Honours with a Modern Language

BA (Hons) / BSc (Hons)

Aberystwyth provides the opportunity to study Spanish, French or German alongside a variety of other subjects in a joint honours programme (see p.20). This gives you the benefits of developing profound skills and knowledge in one of these languages alongside another subject you love.

This has recognised employability benefits as learning any language can also give you transferable skills, which are useful in any line of work - including intercultural awareness, communication, confidence and teamwork. You can even do this degree with no knowledge of these languages as we can take you from being a complete beginner to a high level of fluency. If you are a student at beginners' level you will follow an intensive course in the first year, designed to bring you quickly to A level standard.

After the first year, all students on the beginners' course will join students in the advanced level class. If you are joining us at advanced Level, the first year will build on and further develop the principles taught at A level, preparing you for the next three years, including your year abroad.

During the four-year degree scheme, your linguistic capabilities will be improved and enhanced through weekly classes in listening, reading/writing, translation and conversation.

## Your year abroad

For all students, this is a highlight and will almost certainly be one of the most memorable experiences of your life. We offer our students the following options:

- studying in one of our partnered universities across Europe
- studying in a private language school
- undertaking an English Language Assistantship with the British Council
- undertaking a work experience placement in your chosen country that is relevant to the choice of language degree.

## Employability

Modern linguists are statistically amongst the most employable graduates, and our degrees take our students across the world. Our graduates enter diverse professions, including teaching, administration, management, marketing, and many more. This degree opens the door to a wide variety of careers, such as the civil service, tourism, social work, librarianship, marketing, publishing and broadcasting.

## Key facts

 <b>Degree type:</b> BA.
 <b>Duration:</b> 4 years.
 <b>Assessment weighting:</b> approx 50% coursework, 50% exams.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include C in A level Spanish unless to be studied as a beginner. <b>IB:</b> 30-28 overall with 5 points in Spanish at Higher Level unless to be studied as a beginner.
--

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

## Modules

On this course you will attend several classes which cover key language skills — speaking, reading, writing, and listening — as well as grammar, translation, and linguistics. You will also be able to choose from a range of relevant cultural, literary and historical optional modules pertaining to your chosen languages. You will spend your third year abroad, before returning to Aberystwyth for your final year of study.

# Physics

## Our courses...

Astrophysics	p.170
Engineering Physics	p.171
Mathematical and Theoretical Physics	p.172
Physics	p.174
Physics with Planetary and Space Physics	p.175
Space Science and Robotics	p.176
Physics (with Foundation Year)	p.177

**IOP** Institute of Physics  
Juno Practitioner

Aberystwyth's physicists are some of the UK's leading experts and are involved in projects ranging from engineering new materials and instruments to planetary missions and ground-breaking studies of the Sun's activity.

## TOP 10 IN THE UK

for Teaching Quality and Student Experience  
for the subject of Physics and Astronomy

*(The Times and Sunday Times, Good University Guide 2020)*



# Astrophysics

BSc (Hons) / MPhys (Hons)

The Astrophysics degree at Aberystwyth incorporates current topics in astronomy alongside a core of fundamental physics to explore the interaction of energy and matter in the near and far universe.

The degree studies includes areas such as the formation and evolution of the solar system, gas giant and terrestrial worlds, planetary interiors and surfaces, planetary atmospheres, the solar wind, the Sun as a star, comets, red giants, white dwarfs, neutron stars, black holes, galaxies, quasars and cosmology.

Specialist opportunities at Aberystwyth for Astrophysics students include:

- linking your final year project to current research project within the Department in areas such as space physics and astronomy
- accreditation by the Institute of Physics
- access to specialist astronomical equipment
- being taught by researchers that are involved in the current space missions such as the European Space Agency ExoMars 2020 Project.

## Employability

A degree in Astrophysics will prepare you for career destinations such as space scientist, physicist, scientific laboratory technician, radiation protection practitioner, and research scientist. Other career paths may include systems developer, product development scientist, technical author, or meteorologist.

## Key facts

 <b>Degree type:</b> BSc/MPhys.
 <b>UCAS Code:</b> F510/F511.
 <b>Duration:</b> 3 years/4 years.
 <b>Typical offer:</b> <b>BSc - UCAS tariff points:</b> 120-112 to include B in A level Physics and Maths. <b>IB:</b> 38-28 overall with 5 points in Physics and Maths at Higher Level. <b>MPhys - UCAS tariff points:</b> 128-120 to include B in A level Physics and Maths. <b>IB:</b> 32-30 overall with 6 points in Physics and Maths at Higher Level.

 <b>Study abroad opportunities:</b> Yes (F510 only).
 <b>Field trips/fieldwork:</b> Away day careers workshops.
 <b>Related courses:</b> Engineering Physics p.171, Mathematical and Theoretical Physics p.171, Physics p.174, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85

 It is possible to follow this course after successful completion of a foundation year to bring you up to university entry level astrophysics, through our four-year Astrophysics with foundation year (F512) BSc scheme.
 We also offer Astrophysics as an Integrated Masters MPhys (F511) degree, which includes a fourth year to be taken after the three years of the F510 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Algebra and Differential Equations\*
- Astronomy
- Calculus\*
- Classical Dynamics\*
- Classical Physics\*
- Laboratory Techniques for Experimental Physics\*
- Forces and Energy\*
- Further Algebra and Calculus;
- Modern Physics
- Physics Career Planning and Skills Development\*

### Second year:

- Mathematical Physics\*
- Numerical Techniques for Physicists
- Planets
- Stars
- Electricity and Magnetism
- Experimental Physics\*
- Optics
- Principles of Quantum Mechanics.

### Third year:

- Concepts in Condensed Matter Physics\*
- Galaxies
- Interior of the Sun
- Numerical Methods
- Project\*
- Space Plasmas
- General Relativity and Cosmology
- Probing Atoms and Molecules\*
- The Solar Atmosphere and Heliosphere.

\* also available partially or entirely through the medium of Welsh.

# Engineering Physics

BEng (Hons) / MEng (Hons)

Engineering Physics focuses on the application of physical principles and techniques to engineering and technology, two demanding industries. At Aberystwyth, we prepare you with the knowledge and skills of physics training that are required for producing engineering solutions in real-world situations.

This course has a strong practical IT element and an opportunity to gain expertise in specialist topics such as micro and nano-electronics, applied photonics, materials design and production, quantum technology, robotics, solar energy and space instrumentation. With the opportunity to take a year in industry we are confident that our innovative teaching and opportunities can equip you for the future.

Specialist opportunities for Engineering Physics students at Aberystwyth include:

- studying a degree accredited by the Institute of Physics
- a year in industry to develop practical experience of applying the skills acquired in the first two years of study
- specialist facilities include mechanical, electronics and robotics workshops, materials fabrication and characterisation, optical and space instrumentation and analogue planetary terrains
- being taught by researchers that are involved in the current space missions such as the European Space Agency ExoMars 2020 Project and engineering low dimensional materials (e.g. graphene).

## Employability

A degree in Engineering Physics will prepare you for a career as an engineer or scientist in areas such as industrial research and development, product development and national research laboratories. Employment sectors include energy, photonics, space, IT, health and education.

## Key facts

 <b>Degree type:</b> BEng/MEng.
 <b>UCAS Code:</b> 179H (179G with integrated year in industry) (168F with integrated year in industry).
 <b>Duration:</b> 3 years (179G is 4 years)
 <b>Typical offer:</b> <b>BEng - UCAS tariff points:</b> 120-112 to include B in A level Physics and Maths. <b>IB:</b> 30-28 overall with 5 points in Physics and Maths at Higher Level. <b>MEng - UCAS tariff points:</b> 128-120 to include B in A level Physics and Maths. <b>IB:</b> 32-30 overall with 5 points in Physics and Maths at Higher Level.

 <b>Study abroad opportunities:</b> Yes (179H only).
 <b>Field trips/fieldwork:</b> Away day careers workshops.
 <b>Related courses:</b> Astrophysics p.170, Data Science p.83, Mathematical and Theoretical Physics p.171, Physics p.174, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85, Software Engineering p.86, Space Science and Robotics p.176.
 This course is also available as a four-year degree, which includes an integrated year in industry.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Algebra and Differential Equations\*
- Calculus\*
- Classical Dynamics\*
- Classical Physics\*
- Communication and Technology
- Laboratory Techniques for Experimental Physics\*
- Forces and Energy\*
- Further Algebra and Calculus
- Modern Physics
- Physics Career Planning and Skills Development\*

### Second year:

- Electricity and Magnetism
- Experimental Physics\*
- Numerical Techniques for Physicists
- Optics
- Principles of Quantum Mechanics
- Sensors, Electronics and Instrumentation
- Thermodynamics\*.

### Third year:

- Concepts in Condensed Matter Physics\*
- Engineering Control Theory
- Numerical Methods
- Probing Atoms and Molecules\*
- Professional Skills in Engineering
- Semiconductor Technology
- Project with Project Management
- Systems Engineering Concepts.

\* also available partially or entirely through the medium of Welsh.

 We also offer Engineering Physics as a MEng (168F) five-year degree, which includes a year in industry. During the final year of study you will gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level.
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# Mathematical and Theoretical Physics

BSc (Hons) / MMath

Mathematical and Theoretical Physics studies the more theoretical parts of physics and provides a solid grounding in mathematics. At Aberystwyth, you will study a wide range of themes including abstract and linear algebra, calculus, differential equations, quantum mechanics, dynamics and thermal physics.

This combination of mathematics and physics links to many spheres of interest and reflects research expertise in applied mathematics, quantum control, solar physics and condensed matter physics.

Specialist opportunities at Aberystwyth for Mathematical and Theoretical Physics students include:

- joining a department that has over 140 years experience in excellence and teaching. Physics has been taught at Aberystwyth since the University was founded in 1872
- linking your final year project to research groups in mathematics and physics
- studying a degree recognised by the Institute of Physics.

## Key facts

	<b>Degree type:</b> BSc/MMath.
	<b>UCAS Code:</b> F340/F341.
	<b>Duration:</b> 3 years/4 years.
	<b>Study abroad opportunities:</b> Yes (F340 only).
	<b>Field trips/fieldwork:</b> Away day careers workshops.

	<b>Typical offer:</b> <b>BSc - UCAS tariff points:</b> 128-112 to include B in A level Physics and Maths. <b>IB:</b> 30-28 overall with 5 points in Physics and Maths at Higher Level. <b>MMath - UCAS tariff points:</b> 144-128 to include B in A level Physics and A in Maths. <b>IB:</b> 34-32 overall with 5 points in Physics and 6 points in Maths at Higher Level.
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	<b>Related courses:</b> Astrophysics p.170, Engineering Physics p.176, Physics p.174, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176
	We also offer this course as a MMath (F341) degree, which includes a fourth year to be taken after the three years of the F340 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level.

## Modules

Below is an indicative list of modules that you will study on this course.

### First year:

- Algebra\*
- Calculus\*
- Classical Dynamics\*
- Classical Physics\*
- Coordinate and Vector Geometry\*
- Probability\*
- Differential Equations\*
- Further Algebra and Calculus
- Mathematical Analysis\*
- Modern Physics
- Statistics\*

### Second year:

- Distributions and Estimation
- Introduction to Abstract Algebra
- Mathematical Physics\*
- Real Analysis\*
- Complex Analysis
- Electricity and Magnetism
- Linear Algebra\*
- Principles of Quantum Mechanics.

### Third year:

- Group Theory
- Norms and Differential Equations
- Probability and Stochastic Processes
- Probing Atoms and Molecules\*.

\* also available partially or entirely through the medium of Welsh.



# Physics

## BSc (Hons) / MPhys (Hons)

Understanding the laws of physics underpins the whole of modern science and technology. It involves the application of abstract concepts expressed through mathematics to model and predict the behaviour of systems ranging in scale from the sub-atomic to the galactic. Physics at Aberystwyth explores areas as diverse as quantum technology, the theory of relativity, and solid-state physics.

Our research-led teaching staff will provide you with specialist knowledge and practical skills, covering exciting topics such as quantum technology, relativity, computational physics, advanced materials, nanoscience, optics, lasers and instrumentation.

Specialist opportunities at Aberystwyth for Physics students include:

- joining a department that has over 140 years experience in excellence and teaching. Physics has been taught at Aberystwyth since the University was founded in 1872
- studying a degree accredited by the Institute of Physics
- the option to link your final year projects to research specialisms in materials, quantum and space physics
- being taught by researchers that are involved in current space missions such as the European Space Agency ExoMars 2020 Project and engineering low dimensional materials (i.e. graphene).

### Employability

Physics graduates are well-equipped for a wide range of career options. Some of our graduates are now pursuing careers as diverse as meteorology, accountancy, computing, geophysics, medical physics, teaching in schools and universities, and research in materials physics and in the astronomical, space and planetary sciences.

### Key facts

 <b>Degree type:</b> BSc/MPhys.
 <b>UCAS Code:</b> F300 (F304 with year in industry)/F303 (F305 with year in industry).
 <b>Duration:</b> 3 or 4 years/4 or 5 years.
 <b>Typical offer:</b> <b>BSc - UCAS Tariff Points:</b> 120-112 to include B in A level Physics and Maths. <b>IB:</b> 30-28 overall with 5 points in Physics and Maths at Higher Level. <b>MPhys - UCAS Tariff Points:</b> 128-120 to include B in A level Maths and Physics. <b>IB:</b> 32-30 overall with 6 points in Physics and Maths at Higher Level.

 <b>Study abroad opportunities:</b> Yes (F300 only).
 <b>Field trips/fieldwork:</b> Away day careers workshops.
 <b>Related courses:</b> Astrophysics p.170, Engineering Physics p.171, Mathematical and Theoretical Physics p.172, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176.
 We also offer Physics with a foundation year (F301). It is designed for those without the usual entry qualifications who have suitable background education, experience and motivation to undertake an accredited degree in physics.

### Modules

Below is an indicative list of modules that you may study on this course.

#### First year:

- Algebra
- Calculus\*
- Classical Dynamics\*
- Classical Physics\*
- Laboratory Techniques for Experimental Physics\*
- Forces and Energy\*
- Further Algebra and Calculus
- Modern Physics
- Physics Career Planning and Skills Development\*

#### Second year:

- Mathematical Physics\*
- Numerical Techniques for Physicists
- Sensors, Electronics and Instrumentation
- Electricity and Magnetism
- Experimental Physics\*
- Optics
- Principles of Quantum Mechanics.

#### Third year:

- Concepts in Condensed Matter Physics\*
- Modern Optics and Photonics
- Numerical Methods
- Project\*
- Structure and Determination of Condensed Matter
- Materials Physics
- Probing Atoms and Molecules\*
- Semiconductor Technology.

\* also available partially or entirely through the medium of Welsh.

 We also offer Physics as a MPhys (F303) degree including a fourth year to be taken after F300 course. On this degree, you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level. This is also available as a 5 year MPhys, which includes a year in industry (F305).
 <b>You can study this course (some as joint honours and some as a major) with:</b> Computer Science, Mathematics, Business and Management, and Education. Please see p.20.

# Physics with Planetary and Space Physics

## BSc (Hons) / MPhys (Hons)

The Physics with Planetary and Space Physics degree at Aberystwyth provides you with a core of physics alongside a detailed exploration of the physics of the solar system. Physics with Planetary and Space Physics is one of the most established space physics courses in the UK. You'll be taught by experts in this field and you'll have access to specialist astronomical equipment.

You will study the evolution of the solar system, planetary interiors and surfaces, the sun as a star, comets, and red giants. You will also cover atmospheric physics, thermal physics, and quantum mechanics.

Specialist opportunities at Aberystwyth for Physics with Planetary and Space Physics students include:

- linking your final year project to a current solar system physics research project
- studying a degree accredited by the Institute of Physics
- being taught by researchers that are involved in current space missions such as the European Space Agency ExoMars 2020 Project
- the possibility of spending a semester studying in the Arctic Circle on the island of Svalbard.

### Employability

A degree in Physics with Planetary and Space Physics at Aberystwyth will prepare you for such career destinations as space scientist, physicist, scientific laboratory technician, radiation protection practitioner, and research scientist. Other career paths may include systems developer, product development scientist, technical author, or meteorologist.

### Key facts

 <b>Degree type:</b> BSc/MPhys.
 <b>UCAS Code:</b> F364/F366.
 <b>Duration:</b> 3 years/4 years.
 <b>Typical offer:</b> <b>BSc - UCAS Tariff Points:</b> 120-112 to include B in A level Physics and Maths. <b>IB:</b> 30-28 overall with 5 points in Physics and Maths at Higher Level. <b>MPhys - UCAS Tariff Points:</b> 128-120 to include B in A level Maths and Physics. <b>IB:</b> 32-30 overall with 6 points in Physics and Maths at Higher Level.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Away day careers workshops.
 <b>Related courses:</b> Astrophysics p.170, Engineering Physics p.171, Mathematical and Theoretical Physics p.172, Physics p.174, Robotics and Embedded Systems Engineering p.85, Space Science and Robotics p.176.

### Modules

Below is an indicative list of modules that you may study on this course.

#### First year:

- Algebra and Differential Equations\*
- Calculus\*
- Classical Dynamics\*
- Classical Physics\*
- Laboratory Techniques for Experimental Physics
- Forces and Energy\*
- Further Algebra and Calculus
- Modern Physics
- Physics Career Planning and Skills Development.

#### Second year:

- Mathematical Physics\*
- Numerical Techniques for Physicists
- Planets
- Stars
- Electricity and Magnetism
- Experimental Physics\*
- Optics
- Principles of Quantum Mechanics.

#### Third year:

- Concepts in Condensed Matter Physics\*
- Interior of the Sun
- Numerical Methods
- Planetary Neutral Atmospheres
- Project\*
- Space Plasmas
- Ionospheres and Magnetospheres
- Probing Atoms and Molecules\*
- The Solar Atmosphere and Heliosphere.

\* also available partially or entirely through the medium of Welsh.

 We also offer this course as a MPhys (F366) degree, which includes a fourth year to be taken after the F364 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level, with the possibility of spending a semester studying in the Arctic Circle.
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# Space Science and Robotics

## BSc (Hons) / MPhys (Hons)

This unique degree scheme will expose you to the foundations of space exploration and will equip you with the skills that meet the requirements and challenges of the space industry. This course combines expertise in solar system and space physics with the space robotics and artificial intelligence of the department of Computer Science to consider the challenges to be met in robotic exploration of the solar system and their solutions.

As you'll be taught by experts in their field, you will be exposed to the foundations of space exploration and equipped with the skills that meet the requirements and challenges of the space industry, as well as the planning and development of future Space Physics and Astrophysics missions. You will also be immersed in both the fundamentals of Computer Science and the very latest technological innovations.

Specialist opportunities at Aberystwyth for Space Science and Robotics students include:

- studying the only degree of its kind in the UK
- studying a degree recognised by the Institute of Physics
- the opportunity to undertake a project linked to current research in space physics or robotics
- being taught by researchers that are involved in the current European Space Agency ExoMars 2020 Project.

### Employability

This degree scheme perfectly equips graduates with the necessary skills for careers in the space industry. Several of our graduates have gone on to specialise in space robotics or a related field of astrophysics or robotics. Other potential careers that graduates of this degree scheme could enter include software and systems development, computer programming, engineering or teaching.

### Key facts

 <b>Degree type:</b> BSc/MPhys.	 <b>Typical offer:</b> <b>BSc - UCAS Tariff Points:</b> 120-112 to include B in A level Physics/Computer Science and Maths. <b>IB:</b> 30-28 overall with 5 points in Physics and Maths at Higher Level. <b>MPhys - UCAS Tariff Points:</b> 128-120 to include B in A level Maths and Physics/Computer Science. <b>IB:</b> 32-30 overall with 6 points in Physics and Maths at Higher Level.
 <b>UCAS Code:</b> FH56/FH5P.	<b>Study abroad opportunities:</b> Yes (FH56 only).
 <b>Duration:</b> 3 years/4 years.	
 <b>Related courses:</b> Astrophysics p.176, Computer Science and Artificial Intelligence p.82, Engineering Physics p.171, Mathematical and Theoretical Physics p.172, Physics p.174, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85, Software Engineering p.86.	

### Modules

Below is an indicative list of modules that you may study on this course.

#### First year:

- Astronomy;
- Classical Dynamics\*
- Forces and Energy\*
- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Laboratory Techniques for Experimental Physics\*
- Modern Physics
- Programming Using an Object-Oriented Language\*.

#### Second year:

- C and C++
- Planets
- Scientific Python\*
- Sensors, Electronics and Instrumentation
- Experimental Physics\*
- Optics
- Robotics and Embedded Systems.

#### Third year:

- Concepts in Condensed Matter Physics\*
- Ionospheres and Magnetospheres
- Major Project\*
- Numerical Methods
- Planetary Neutral Atmospheres
- Semiconductor Technology
- Space Robotics
- Ubiquitous Computing.

\* also available partially or entirely through the medium of Welsh.

 <b>Field trips/fieldwork:</b> Away day careers workshops.
 We also offer this course as a MPhys (FH5P) degree, which includes a fourth year to be taken after the FH56 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level.

# Physics

## BSc (Hons) (with foundation year)

The Physics (with foundation year), at Aberystwyth University, is accredited by the Institute of Physics (IOP) and designed to fulfil your potential in a supportive learning environment.

Understanding the laws of physics underpins the whole of modern science and technology. It involves the application of abstract concepts expressed through mathematics to model and predict the behaviour of systems ranging in scale from the sub-atomic to the galactic. Physics at Aberystwyth explores areas as diverse as quantum technology, the theory of relativity, and solid-state physics.

Our research-led teaching staff will provide you with specialist knowledge and practical skills, covering exciting topics such as quantum technology, relativity, computational physics, advanced materials, nanoscience, optics, lasers and instrumentation.

Specialist opportunities at Aberystwyth for Physics students with foundation year include:

- joining a department that has over 140 years experience in excellence and teaching. Physics has been taught at Aberystwyth since the University was founded in 1872
- studying a degree accredited by the Institute of Physics
- the option to link your final year projects to research specialisms in materials, quantum and space physics
- being taught by researchers that are involved in current space missions such as the European Space Agency ExoMars 2020 Project and engineering low dimensional materials (i.e. graphene).

### Employability

Physics graduates are well-equipped for a wide range of career options. Some of our graduates are now pursuing careers as diverse as meteorology, accountancy, computing, geophysics, medical physics, teaching in schools and universities, and research in materials physics and in the astronomical, space and planetary sciences.

### Key facts

 <b>Degree type:</b> BSc.	 <b>Typical offer:</b> <b>BSc - UCAS Tariff Points:</b> Available to those who are studying for, or have completed Level 3 qualifications (eg, A-Levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.
 <b>UCAS Code:</b> F301	<b>Study abroad opportunities:</b> Yes.
 <b>Duration:</b> 4 years.	<b>Field trips/fieldwork:</b> Away day careers workshops.
 <b>Related courses:</b> Astrophysics p.170, Computer Science and Artificial Intelligence p.82, Engineering Physics p.171, Mathematical and Theoretical Physics p.172, Physics p.174, Physics with Planetary and Space Physics p.175, Robotics and Embedded Systems Engineering p.85, Software Engineering p.86.	

### Modules

Below is an indicative list of modules that you may study on this course.

#### First year:

- Energy and the Environment
- Introduction to Electricity and Magnetism
- Introduction to Laboratory Physics
- Introduction to Mathematical Methods For Physicists 1
- Introduction to Mathematical Methods For Physicists 2
- Introduction to Oscillations And Waves
- Introduction to Physical Forces
- Introduction to Physics of Matter.

#### Second year:

- Astronomy
- Classical Dynamics\*
- Forces and Energy\*
- Introduction to Computer Infrastructure
- Introduction to Programming\*
- Laboratory Techniques for Experimental Physics\*
- Modern Physics
- Programming Using an Object-Oriented Language\*.

#### Third year:

- C and C++
- Planets
- Scientific Python\*
- Sensors, Electronics and Instrumentation
- Experimental Physics\*
- Optics
- Robotics and Embedded Systems.

#### Fourth year:

- Concepts in Condensed Matter Physics\*
- Ionospheres and Magnetospheres
- Major Project\*
- Numerical Methods
- Planetary Neutral Atmospheres
- Semiconductor Technology
- Space Robotics
- Ubiquitous Computing.

\* also available partially or entirely through the medium of Welsh.

 We also offer this course as a MPhys (FH5P) degree, which includes a fourth year to be taken after the FH56 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level.
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# Psychology

## Our courses...

Psychology	p.180
Psychology with Counselling	p.182
Psychology and Criminology	p.183
Psychology and Education	p.184

All of our courses are accredited by the British Psychological Society (BPS), a mark of quality widely acknowledged by employers in the professional field. Here you'll be taught by active researchers, whose expertise includes rural health, exercise and health psychology, developmental psychology, perception, social and critical psychology, to music psychology, language and bilingualism, biological psychology and gender.

## TOP 5 IN THE UK

for Teaching Quality and  
Student Experience for the  
subject of Psychology

*(The Times and Sunday Times, Good University  
Guide 2020)*

# Psychology

## BSc (Hons)

Our degree is designed to develop and shape your understanding of the mind and human behaviour. Our ethos is to teach in a way which enables you to develop conceptual and theoretical knowledge that you are able to apply to solve problems in real-world scenarios. To support you in this, our British Psychological Society accredited degree is built around essential core topics in psychology, which serve as the basis for the varied and specialised option modules we offer in the second and third year.

Our laboratories and research spaces provide you with an array of facilities and equipment to explore. These resources allow you to develop your interests, and engage in creative problem-solving techniques as you progress through your degree.

Psychology students at Aberystwyth will enjoy:

- a wide range of expertise amongst our research-active staff
- eye tracking, EEG, Physiological measurement equipment and behavioural measurements equipment
- a focus on applying psychology
- fully-accredited degrees by the British Psychological Society with the ability to study abroad or work in industry on a placement as part of your degree
- studying in a department with an exceptional track record for student employability.

### Accredited by:



### Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> C800
	<b>Duration:</b> 3 years

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.
	<b>Assessment weighting:</b> 60% coursework, 40% exams.

	<b>Related courses:</b> Psychology and Criminology p.183, Psychology and Education p.184, Psychology with Counselling p.182.
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### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Applications of Psychology
- Brain, Behaviour and Cognition
- Conceptual and Historical Issues in Psychology
- Designing Psychological Research Projects
- Introduction to Research Methods in Psychology\*
- Introduction to Core Topics in Social and Individual Behaviour
- Personal Development and Organisational Behaviour.

#### Second year:

- Cognitive Psychology
- Psychology in Practice\*
- Qualitative Research Methods
- Quantitative Research Methods
- Social Psychology.

#### Third year:

- Behavioural Neuroscience
- Developmental Psychology and Individual Differences
- Psychology Research Project \*.

In the second and third years you'll also study optional modules from the range available. Examples include Forensic Psychology, Gender and the Media, Psychology of Humour, Health Psychology, Issues in Clinical Psychology, and Psychology of Language, to name a few. For further details visit our website, or contact us.

*\* also available partially or entirely through the medium of Welsh.*

# Four Year Variations

The Department of Psychology offers a range of four-year BSc Psychology degrees which allow you to obtain a year in industry or a year studying abroad in one of our partnered universities.

## Psychology

(with integrated year studying abroad)

### BSc (Hons) - N1FW

Our BSc in Psychology with integrated study abroad will enable you to experience a different culture and life in another country whilst at the same time expanding your knowledge of Psychology. The four-year degree with an integrated year studying abroad has been developed from the single honours C800 scheme. The first two years are spent in Aberystwyth, the third with one of our international partners and the fourth back in Aberystwyth where you complete your degree. Many students find the experience of studying abroad fulfilling and exciting, and coupled with the benefits of the well-established BPS accredited degree upon which N1FW is built, it provides many with an exciting opportunity.

## Psychology

(with integrated year in industry)

### BSc (Hons) - WF7F

Our BSc Psychology degree with an integrated year in industry is designed to develop and shape your understanding of psychology whilst also providing you with the skills and work-based knowledge that employers are looking for. This degree programme, accredited by the BPS, is designed to develop and shape your understanding and provide you with skills that will enable you to quickly find employment after graduation or continue on to further study. As with the year abroad degree (N1FW) the degree is based on the well-established C800 single honours degree. The first two years are spent in Aberystwyth, the third with an industry partner and the fourth back in Aberystwyth where you complete your degree.

## Psychology

(with integrated foundation year)

### BSc (Hons) - C80F

The integrated foundation year is designed for prospective students who do not have the sufficient or relevant academic background, but wish to study a degree at university. Our BSc Psychology with an integrated year in foundation is the perfect option to access this highly-sought after degree. During the foundation year, you will be brought up to speed on the fundamentals of psychology, providing a solid base for you to go on and enjoy the full undergraduate programme.

### Key facts

	<b>Degree type:</b> BSc.
	<b>Duration:</b> 4 years

	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall. (N1FW & WF7F only)
	<b>Assessment weighting:</b> 60% coursework, 40% exams.

	<b>Study abroad opportunities:</b> Yes.
	<b>Related courses:</b> Psychology and Criminology p.183, Psychology and Education p.184, Psychology with Counselling p.182.

# Psychology with Counselling

## BSc (Hons)

On this single honours degree scheme you will combine the study of core psychological concepts with elements of counselling related knowledge and skills, to develop your understanding of human behaviour and approaches to providing psychological help through counselling.

The degree scheme provides students with flexible and highly desirable skills with which to enter the workplace. It is also an ideal stepping-stone towards careers within counselling, psychotherapy, clinical psychology and health psychology. Please note that this degree will not qualify you as a counselling practitioner.

Our facilities are designed to provide you with as much practical experience as possible, and include labs fitted with cameras and microphones.

Psychology with Counselling students at Aberystwyth will enjoy:

- experiential learning in small groups, linking theory to practice on an on-going basis
- modules taught by chartered psychologists and practising counselling/psychotherapists, ensuring the theoretical and practical relevance of your student experience
- facilities include observation and interview rooms equipped with camera and audio, allowing for research, interview, and counselling skills practice sessions to be conducted and recorded.

Assessments emphasise the practical elements of the course, giving you a taste of what it is actually like to be a therapeutic practitioner.

### Accredited by:



### Key facts

 **Degree type:** BSc.

 **UCAS Code:** C843

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96.  
**IB:** 30-26 overall.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Brain, Behaviour and Cognition
- Conceptual and Historical Issues in Psychology
- Introduction to Research Methods in Psychology\*
- Introduction to Core Topics in Social and Individual Behaviour
- Personal Development and Organisational Behaviour
- Introduction to Evidence-Based Practice in Counselling
- Foundations of Counselling: Skills and Theory I.

#### Second year:

- Cognitive Psychology
- Qualitative Research Methods
- Quantitative Research Methods
- Social Psychology
- Issues in Clinical Psychology
- Health Psychology
- Foundations of Counselling: Skills and Theory II.

#### Third year:

- Behavioural Neuroscience
- Developmental Psychology and Individual Differences
- Counselling-focused Psychology Research Project.

In the third year you'll also study optional modules from the range available. Examples include 21st Century Self: Critical and Constructionist Approaches to Contemporary Personhood, Drugs and Behaviour, Psychology Critical Review, and the Psychology of Language, to name a few. For further details visit our website or contact us.

*\* also available partially or entirely through the medium of Welsh.*

# Psychology and Criminology

## BSc (Hons)

Psychology and Criminology are closely aligned subjects that combine effectively so that you can benefit from the theoretical perspectives of crime with sociology, philosophy and psychology this joint honours degree.

You will study why people commit crime and the social cultural repercussions of crime, with close reference to the psychological mind to gain and develop the crucial skills needed to enter this field of work.

This British Psychological Society accredited degree is also available with a year in industry, which would give you the opportunity to gain new skills, network with potential employers and develop the expertise needed to work in competitive industries.

Opportunities for students studying Psychology and Criminology at Aberystwyth include:

- studying in a supportive, student-focused environment - our academic, support and technical staff are here for you every step of the way
- being able to draw on the expertise of research-active staff across two departments
- innovative approach to learning and teaching - the Department houses modern and innovative research facilities and top-class student learning spaces.

### Accredited by:



### Key facts

 **Degree type:** BSc.

 **UCAS Code:** CM89 (A1C6 with year in industry).

 **Duration:** 3 years (A1C6 is 4 years).

 **Typical offer:**  
**UCAS tariff points:** 120-96.  
**IB:** 30-26 overall.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Brain, Behaviour and Cognition
- Crime, Control and Prevention\*
- Introduction to Criminology
- Legal and Justice Systems
- Introduction to Research Methods in Psychology\*
- Introduction to Core Topics in Social and Individual Behaviour.

#### Second year:

- Cognitive Psychology
- Qualitative Research Methods
- Quantitative Research Methods
- Social Psychology.

#### Third year:

- Behavioural Neuroscience
- Developmental Psychology and Individual Differences
- Psychology Research Project\*.

In the second and third years you'll also study optional modules within Criminology from the range available. Examples include Criminal Justice and the Penal System; Criminology Research Skills 2\*; Critical Perspectives On Imprisonment; Introduction To Criminology, Police, Policing And Society; Psychological Explanations of Criminal Behaviour; Psychology and Crime; Contemporary Issues In Criminology; Crime & Punishment in Historical Perspective; Criminal Justice Placement; Drugs and Crime; Principles of Evidence; Sports Law and Society; Treatment and Rehabilitation of Offenders, to name a few.

*\* also available partially or entirely through the medium of Welsh.*

 **Related courses:** Psychology p.180, Psychology and Education p.184, Psychology with Counselling p.182.

# Psychology and Education

## BSc (Hons)

This joint honours degree in Psychology and Education, accredited by the British Psychological Society (BPS), offers you the opportunity to pursue a specialist field of study, where insights from one discipline can directly enhance understanding and application of knowledge in the other.

Studying this degree will enable you to develop a deeper understanding of cognitive and social development in human beings from childhood onwards. You will also have the opportunity to study and critique the learning environments in which this development takes place and how these are influenced by educational policy and practice.

Also, as long as you meet the entry requirements, you will be guaranteed an interview for Primary PGCE at Aberystwyth.

Opportunities for students studying Psychology and Education at Aberystwyth include:

- being part of two departments, the Department of Psychology and the School of Education
- an innovative approach to learning and teaching with support from staff with active research interests
- modern in-house research facilities and student learning spaces.

**Please note: A Disclosure and Barring Service (DBS) or equivalent check may be necessary in order to undertake some modules for this degree.**

### Accredited by:



### Key facts

 **Degree type:** BSc.

 **UCAS Code:** CX80.

 **Duration:** 3 years.

 **Typical offer:**  
UCAS tariff points: 120-96  
IB: 30-26 overall.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Brain, Behaviour and Cognition
- Introduction to Research Methods in Psychology\*
- Introduction to Core Topics in Social and Individual Behaviour
- Policies and Issues in Education\*
- Child Development
- The Learner and the Learning Environment.

#### Second year:

- Cognitive Psychology
- Psychology of Learning and Thinking\*
- Qualitative Research Methods
- Quantitative Research Methods
- Social Psychology.

#### Third year:

- Behavioural Neuroscience
- Critically Reflecting and Evaluating Learning and Skills\*
- Developmental Psychology and Individual Differences
- Psychology Research Project\*.

In the second and third years you'll also study optional modules within Education from the range available. Examples include Teaching Methodologies, Children's Rights, Making sense of the Curriculum, Working with Children, Bilingual education, to name a few. For further details visit our website or contact us.

*\* also available partially or entirely through the medium of Welsh.*



# Sociology

## Our courses...

Sociology p.188

Criminology and Sociology p.189



# Sociology

## BA (Hons)

The BA Sociology degree at Aberystwyth University will train you to develop a critical awareness of and engagement with the social world. By studying this course, you will develop a thorough grounding in the conceptual and theoretical approaches that have been employed by sociologists to study the world around us. You will also develop your ability to analyse social phenomena through training in the collection, analysis and presentation of sociological data.

Opportunities at Aberystwyth for Sociology students include:

- experiencing a field based approach to sociology, with field exercises being integrated into lecture modules, and a dedicated field based sociology module in the second year
- learning how to apply the key concepts associated with sociology in real-world situations and develop your employability skills
- learning from live research projects that enable you to encounter cutting-edge theoretical and empirical understandings of the social world.

### Employability

Our Sociology degree provides a good foundation for you to consider a wide range of careers including the media, social work, international development, community engagement, and the civil service among many others. Nowadays, employers are seeking graduates who possess various skills which include the ability to think analytically and laterally. This degree will provide you with a breadth and flexibility of skills, which is why Sociology graduates nationally are attractive to employers.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> L300.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.

 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Related courses:</b> Geography p.118, Human Geography p.121
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

 This degree is also available as a four year course with a foundation year. The first year of this course will bring you up to university entry level, preparing you for the final three years.
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## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Understanding Sameness and Difference
- Key Concepts in Sociology
- Place and Identity
- Conflict and Change: the Production of the City and the Country\*
- Childhood in Society
- An introduction to Criminology
- Researching the Social World.

### Second year:

- Understanding (in)equality and (in)justice
- Introduction to Social Theory
- Placing Culture
- Quantitative Research Methods
- Urban Sociology in Practice
- Media and Society in Wales
- Field Methods for Sociologists
- Drugs and Crime
- Researching People and Place\*.

### Third year:

- Sociology Dissertation
- Everyday Social Worlds.

In your final year you have a wide range of optional modules to choose from, including: Memory, Space and Society, and Mobility, Globalisation, Criminology, migration themes relating to Gender, Culture and Politics.

\* also available partially or entirely through the medium of Welsh.

# Criminology and Sociology

## BSc (Hons)

BSc Criminology and Sociology at Aberystwyth University will enable you to critically evaluate ideas, concepts and approaches across the disciplines of both Criminology and Sociology.

This degree scheme will provide you with an in-depth understanding of society and criminality and will introduce you to new perspectives on social inequality and social change that are taking place both locally and internationally. Providing insight on criminology from a sociological perspective, our degree will give you the sophisticated knowledge and analytical skillset needed for breaking into the public and social sectors as well as the criminal justice system, or alternatively is a great starting block for further study.

Opportunities at Aberystwyth for Criminology and Sociology students include:

- experiencing a field-based approach to sociology, with field exercises being integrated into lecture modules, and a dedicated field based sociology module in the second year
- learning how to apply the key concepts associated with sociology in real-world situations and develop your employability skills
- learning from live research projects that enable you to encounter cutting-edge theoretical and empirical understandings of the social world.

### Employability

A degree in Criminology and Sociology will not only help you to develop a range of key transferable skills that are important for employment in general but will also provide specialist skills and knowledge relevant to a professional career in a criminal justice setting (e.g. police, probation or prison service). Nowadays, employers are seeking graduates who possess various skills which include the ability to think analytically and laterally. This degree will provide you with a breadth and flexibility of skills, which is why Sociology graduates nationally are attractive to employers.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> ML93
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.

 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Related courses:</b> Sociology p.188, Geography p.118, Human Geography p.121, Criminology p.92
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Understanding Sameness and Difference
- Key Concepts in Sociology
- Place and Identity
- Introduction to Criminology
- Crime and control prevention
- Criminology Research skills
- Researching the Social World.

### Second year:

- Understanding (in)equality and (in)justice
- Introduction to Social Theory
- Placing Culture
- Quantitative Research Methods
- Urban Sociology in Practice
- Criminal Justice Placement
  - Drugs and Crime
  - Police, Policing and Society
  - Crime and Punishment
- Field Methods for Sociologists
- Researching People and Place\*.

### Third year:

- Sociology Dissertation
- Everyday Social Worlds.

In your final year you have a wide range of optional modules to choose from, including: Memory, Space and Society, and Mobility, Globalisation, Criminology, migration themes relating to Gender, Culture and Politics.

\* also available partially or entirely through the medium of Welsh.

 <b>Field trips/fieldwork:</b> Yes.
 You could also study Sociology or Criminology as a four-year course with a foundation year (L30F) The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Sport and Exercise Science

## Our courses...

Biomedical Sciences (Nutrition, Health and Exercise)	p.192
Human Biology and Health	p.193
Sport and Exercise Science	p.194

The diverse expertise of staff within the Institute of Biological, Environmental and Rural Sciences (IBERS) allows us to provide a multidisciplinary understanding of sport, exercise, and human health for the twenty-first century. Our staff have worked with a number of organisations, teams, and individuals, ranging from recreational athletes to those who have achieved success at European and world championship level.

**TOP 10 IN THE UK**  
for Teaching Quality and  
Student Experience for the  
subject of Sport Science

*(The Times and Sunday Times, Good University  
Guide 2020)*

# Biomedical Sciences (Nutrition, Health and Exercise)

## BSc (Hons)

This degree provides a broad understanding of the scientific basis of human biology and explores how nutrition and exercise can contribute to the prevention and treatment of medical conditions.

Taught by experts in their field, you will study modules in the subject areas of cell and molecular biology, human anatomy and physiology, biochemistry, pharmacology, microbiology, immunology, nutrition, metabolism, bioinformatics and genetics. You will develop an understanding of research methods and the ability to apply this to new and interesting topics. There is a particular focus on laboratory skills throughout the degree which will prepare you for work in the biomedical sciences.

Specialist opportunities at Aberystwyth for Biomedical Sciences students include:

- access to extensive research and teaching labs equipped with the latest equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms
- use of state-of-the-art physiological, biomechanical and psychological equipment and laboratories.

### Employability

Graduates may pursue careers in clinical and community healthcare, clinical genetics laboratories, clinical trials and the regulatory sector, sales and marketing related to healthcare and diagnostic products, diagnostic pathology and clinical laboratories, education, research and development for the pharmaceutical industry, to name a few.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> B990 (B991 with integrated year in industry).
	<b>Duration:</b> 3 years. (B991 is 4 years).
	<b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.

	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> No.

	<b>Related courses:</b> Biochemistry p.51, Biology p.52, Genetics p.55, Genetics and Biochemistry p.56, Human Biology and Health p.193, Microbiology p.60.
	You can also gain entry to this course through our C990 Life Sciences foundation programme. See p.57.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring Genetics
- Biological molecules
- Client Assessment
- Biochemistry and the Cellular Basis of Life
- Metabolism
- Microbial Diversity
- Human Anatomy
- Introductory Nutrition for Sport and Health
- Physiological Systems
- Sport and Exercise Kinesiology
- Study and Communication Skills\*

### Second year:

- Cell and Cancer Biology
- Immunology
- Research Methods\*
- Sport and Exercise Physiology
- Sports Injury
- Applied Molecular Biology and Bioinformatics.

### Third year:

- Research Project\*
- Solving Societal Issues using Applied and Integrated Approaches
- Sport and Exercise Nutrition
- Molecular Pharmacology.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

# Human Biology and Health

## BSc (Hons)

Human Biology and Health combines two areas of research and teaching strength within our Institute - biological sciences, and sport and exercise science. The passion and expertise of our staff and our excellent facilities within these areas have led to the development of this degree. Our aim is to provide a detailed understanding of the main conditions that influence human health in the twenty-first century.

On this degree, you will study a range of biological disciplines including physiology, microbiology, immunology, and genetics. You will couple these with the study of human biomechanics, and psychology. Our aim is to provide you with an appreciation of how diet, alongside physical activity and regular exercise, plays a significant role in maintaining health and well-being. This unique blend of subject matter will ensure that you have a multidisciplinary understanding of human health, including behaviour and lifestyle change.

Specialist opportunities for students studying Human Biology and Health at Aberystwyth include:

- facilities for high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms
- application of psychology to understand the process of behaviour change and its potential to delay the development of chronic conditions including heart disease, diabetes, and cancer
- modern physiological, biomechanical and psychological equipment including: body scanning for bone health and body composition determination, cardiovascular, respiratory and metabolic analysers, high-performance treadmills, cycles and rowers, along with computer-based digital video and a force plate to allow sophisticated analysis of movement.

### Employability

Human Biology and Health graduates will be equipped with the skills and knowledge to enter a wide range of careers in biomedicine, health, and allied professions.

## Key facts

	<b>Degree type:</b> BSc.
	<b>UCAS Code:</b> C194 (C195 with integrated year in industry).
	<b>Duration:</b> 3 years (C195 is 4 years).
	<b>Typical offer:</b> UCAS tariff points: 120-104 to include B in A level Biology/ Human Biology or equivalent. IB: 30-28 overall with 5 points in Biology at Higher Level.

	<b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> No.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Foundations of Exercise Psychology
- Human Anatomy
- Introductory Nutrition for Sport and Health
- Metabolism
- Microbial Diversity\*
- Physiological Systems
- Research Design
- Sport and Exercise Kinesiology
- Study and Communication Skills\*

### Second year:

- Immunology
- Research Methods\*
- Sport and Exercise Physiology.

### Final year:

- Research Project\*
- Exercise Management in Health and Chronic Disease
- Molecular Pharmacology
- Solving Societal Issues using Applied and Integrated Approaches.

See our website for the optional modules you may select to develop your specialist interests.

\* also available partially or entirely through the medium of Welsh.

	<b>Related courses:</b> Biochemistry p.51, Biology p.52, Biomedical Science p.192, Genetics p.55, Genetics and Biochemistry p.56, Microbiology p.60, Sport and Exercise Science p.194.
	<b>You can also gain entry to this course through our C990 Life Sciences foundation programme.</b> See p.57.

# Sport and Exercise Science

## BSc (Hons)

On this degree you will benefit from the expertise of our sport and exercise scientists, who have worked with a number of organisations, teams, and individual sports people, ranging from recreational athletes to those who have achieved success at European or world championship level. Under their guidance, you'll develop your own practical skills in our dedicated sport and exercise laboratories.

On our Sport and Exercise Science degree, you will study the psychological, physiological and biomechanical foundations of sport and exercise, and develop an understanding of how these are important in optimising the training regime of sports competitors and exercise participants. You will develop a scientific understanding of how the human body moves, exercises and performs sport, and an appreciation of how sport and exercise science can improve human health and function, prevent disease or injury, or increase athletic performance. At the same time, you will develop research, data analysis, personal and employability skills that will give you the best opportunity to succeed in your future career. Upon graduation, you will be well-prepared to support athletes, promote physical activity and health, and deliver exercise programmes.

Specialist opportunities at Aberystwyth for Sport and Exercise Science students include:

- ready access to a wide range of sports and facilities, including naturally provided facilities such as the renowned mountain biking tracks nearby at Nant yr Arian, our excellent beaches and mountains to mention a few
- access to industry-standard laboratories within the Carwyn James Building, a purpose-built facility with modern equipment for the physiological, biomechanical and psychological analysis of sport performance and exercise participation.

### Employability

Some of our graduates have gone on to further study and careers in the NHS (as GPs, cardiac technicians, physiotherapists, research scientists), or as Ministry of Defence personnel. Others have gone on to work as sport scientists in professional sports clubs (Bournemouth and Coventry City football clubs, Llanelli Scarlets RFC). An increasing number use the skills they developed as students to set up their own businesses.

### Key facts

 <b>Degree type:</b> BSc.
 <b>UCAS Code:</b> C600 (C602 with integrated year in industry).
 <b>Duration:</b> 3 years (C602 is 4 years).
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.

 <b>Assessment weighting:</b> Most second and final year modules are assessed 40-60% by coursework, and the remainder by exam. Some modules are assessed 100% by coursework.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> No.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Exploring Genetics
- Biochemistry and the Cellular Basis of Life
- Client Assessment
- Foundations of Exercise Psychology
- Foundations of Sport Psychology
- Human Anatomy
- Introductory Nutrition for Sport and Health
- Physiological Systems
- Research Design
- Sport and Exercise Kinesiology
- Study and Communication Skills\*.

#### Second year:

- Applied and Integrated Studies
- Improving Physical Activity and Sport Performance
- Motor Learning and Performance
- Research Methods\*
- Sport and Exercise Physiology
- Sports Injury.

#### Third year:

- Research Project\*
- Exercise Management in Health and Chronic Disease
- Solving Societal Issues Using Applied and Integrated Approaches
- Sport and Exercise Nutrition.

See our website for the optional modules you may select to develop your specialist interests.

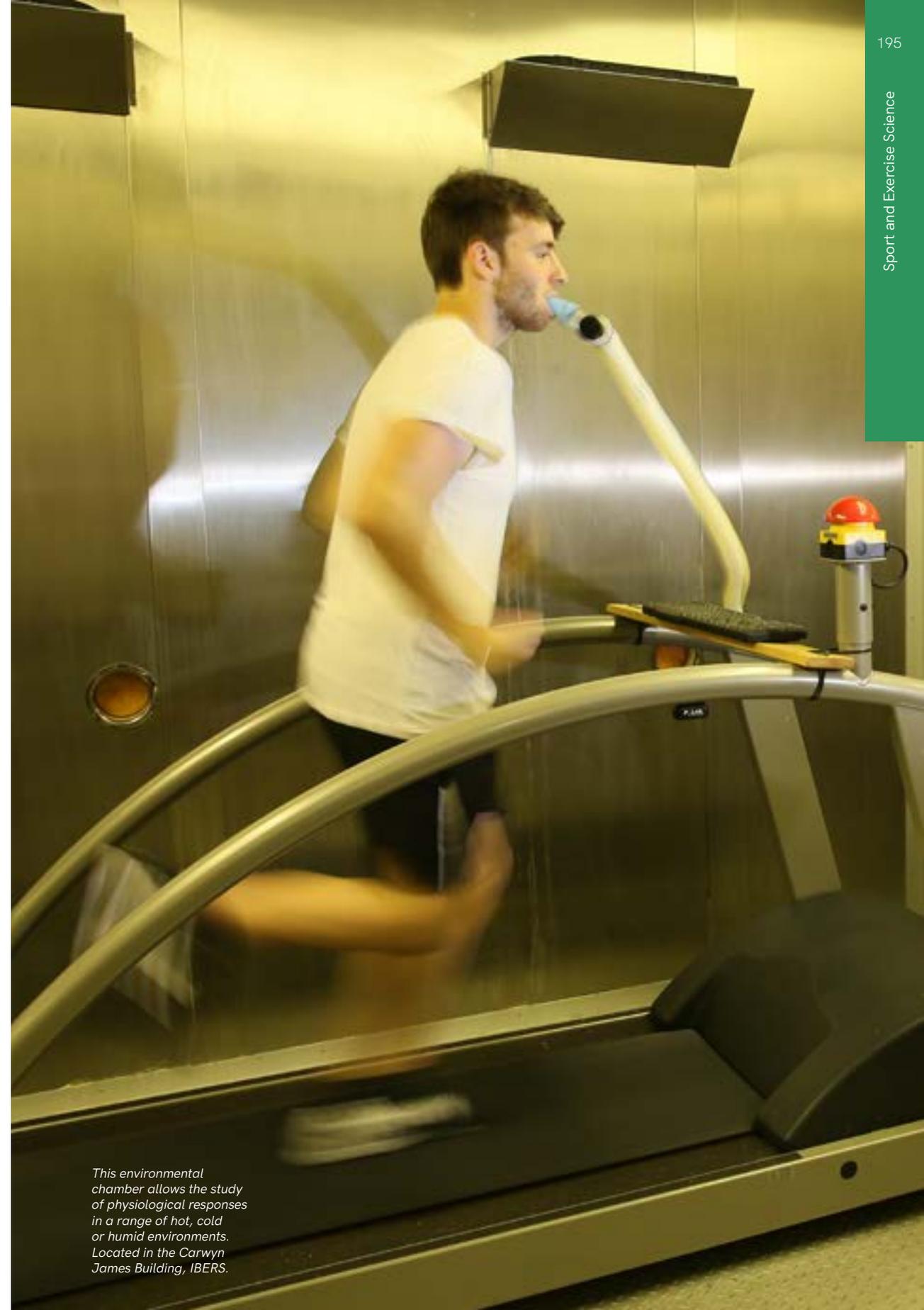
\* also available partially or entirely through the medium of Welsh.

### Accredited by:



\*C600 only

 <b>Related courses:</b> Biochemistry p.51, Biology p.52, Genetics p.55, Genetics and Biochemistry p.56, Human Biology and Health p.192, Microbiology p.60.
 You can also gain entry to this course through our C60F Sport and Exercise Science with integrated Foundation Year programme. This shares modules with our C990 Life Science course (see p.57).



This environmental chamber allows the study of physiological responses in a range of hot, cold or humid environments. Located in the Carwyn James Building, IBERS.

# Theatre, Film and Television Studies

## Our courses...

Drama and Theatre Studies	p.198
Film and Television Studies	p.200
Film-making	p.201
Media and Communication Studies	p.202
Scenography and Theatre Design	p.204
Writing for Broadcasting, Media and Performance	p.205

Through innovative practical work, challenging scholarly enquiry and a diverse range of opportunities for work experience, our students develop the intellectual, practical and transferable skills that prepare them for a variety of careers in the creative industries and far beyond.

## TOP 10 IN THE UK

for Teaching Quality and Student Experience for the subjects of Drama, Dance, Communication and Media Studies

*(The Times and Sunday Times, Good University Guide 2020)*



# Drama and Theatre

## BA (Hons)

On this degree you will study what theatre has been, explore what it is, and imagine all that it can be. Through an innovative combination of theory and practice, you will develop your skills as a theatre-maker and creative thinker and prepare yourself for work in the creative industries and beyond.

Theatre asks questions and opens up experimental spaces for things to unfold and happen, all in the excitement of shared time. Supported by internationally-recognised staff with a wide range of expertise, on this degree you will experiment with texts, practices and production work and encounter a wide range of historic and contemporary theatre forms, from scripted drama to site-specific performance and from Shakespeare to experiments in new media.

Drama and Theatre Studies students at Aberystwyth will enjoy:

- taking part in two performance or production projects each year
- experiencing three hours per week of dedicated performance training in their first year
- being taught by staff with a wide range of expertise in research and/or professional theatre-making
- superb facilities and resources for practical work including: 3 large professionally-equipped studio theatres; 3 rehearsal studios; costume and wardrobe facilities; and dedicated theatre technical team
- connections with key industry partners, such as National Theatre Wales, Music Theatre Wales, Quarantine Theatre Company, and Theatr Genedlaethol Cymru
- close links with Aberystwyth Arts Centre, one of the largest arts centres in Wales, which regularly presents national and international theatre and dance work.

### Employability

Many of our graduates have gone on to work in fields such as acting and performing, directing, designing, script writing, teaching and education, arts administration, marketing and public relations.

### Key facts

	<b>Degree type:</b> BA.
	<b>UCAS Code:</b> W400 (W402 with integrated year in professional practice).
	<b>Duration:</b> 3 years (W402 is 4 years).
	<b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.
	<b>Study abroad opportunities:</b> Yes.
	<b>Field trips/fieldwork:</b> Yes.

	<b>Assessment weighting:</b> 90% coursework (practical and written), 10% exams (depending on choice of optional modules).
	<b>Related courses:</b> Film and Television Studies p.200, Media and Communication Studies p.202, Scenography and Theatre Design p.204.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year core modules:

- Theatre in Context 1
- Theatre in Context 2
- Studio Theatre Project
- Site-specific Performance Project.

You'll also study optional modules.

### Second year:

Will consist entirely of optional modules, examples of which include:

- Acting for Camera
- Acting: Process and Performance
- Devised Performance Project
- Directors' Theatre: Staging Modern Drama
- New Media Performance
- Shakespeare in Performance
- Theatre and Contemporary Society
- Theatre Design Project
- Theatre Production Project.

### Third year:

Will also consist entirely of optional modules, which you'll choose from a range available. Examples include:

- Contemporary British and Irish Drama
- Ensemble Performance Project
- Independent Production Project
- Independent Research Project
- Musical Theatre Dramaturgies
- Place, Space and Landscape
- Playwriting
- Theatre, Gender and Sexuality.

	<b>You can study this course (as joint honours) with:</b> Creative Writing, Education, English Literature, Film and Television Studies, French, History, International Politics, Mathematics, Media, Scenography and Theatre Design, Spanish, and Welsh. Please see p.20.
	This degree is also available as a four-year course with a foundation year (W40F). The first year of this course will bring you up to university entry level, preparing you for the final three years.



# Film and Television Studies

## BA (Hons)

Whether you are interested in the moving image as an art form or an industry, our diverse degree in Film and Television Studies will give you the space to explore different technical and critical approaches in a creative environment.

We offer specialist teaching on documentary film-making, fiction film-making, experimental film-making, multiplatform production, studio production and scriptwriting, as well as art cinema, horror and cult cinema, Hollywood, gender studies, television genre and aesthetics, digital cultures, and video games.

Designed to equip students with a combination of practical skills, creative confidence and critical awareness, this versatile course opens up multiple pathways into an exciting industry.

Film and Television Studies students at Aberystwyth will enjoy:

- internationally-recognised teaching team with a range of expertise in film and television history, theory and practice
- connections with key industry partners such as the BBC, S4C, BAFTA Cymru, Tribeca Film Festival (New York), Fiction Factory, Tinopolis, Edinburgh International Film Festival, National Broadcast Archive of Wales at the National Library of Wales
- superb facilities and resources for practical work: HD television studio and gallery with green screen and auto-cue; digital sound studio with advanced multi-track recording; brand new cinema, colour grading and dubbing suite; 10 dedicated edit suites with Avid Media Composer and Adobe Premiere Pro; editing lab and workshop with 12 work stations; 50 professional HD cameras, including Sony and Canon; Sennheiser, Rode, Tascam and Marantz audio recording equipment; 16mm film equipment and darkroom
- close links with Aberystwyth Arts Centre, which hosts a range of events such as Abertoir Horror Festival, Wales One World Film Festival, and Cult Film Night.

### Employability

Many of our graduates have been successful in finding employment as researchers, editors, floor managers, camera operators, designers and directors. Others work in film distribution, freelance film-making, film festival programming, journalism, marketing and public relations, advertising, arts administration and education.

### Key facts

 <b>Degree type:</b> BA.	 <b>Field trips/fieldwork:</b> Yes.
 <b>UCAS Code:</b> W620.	 <b>Assessment weighting:</b> 95% coursework, 5% exams.
 <b>Duration:</b> 3 years.	 <b>You can study this course (as joint honours) with:</b> Creative Writing, Drama and Theatre Studies, English Literature, Fine Art, French, Mathematics, Photography, Scenography and Theatre Design, and Welsh. Please see p.20.
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.	
 <b>Study abroad opportunities:</b> Yes.	

## Modules

Below is an indicative list of modules that you may study on this course.

### First year core modules:

- Making Short Films
- Studying Film
- Studying Television.

You'll also study optional modules.

### Second year

Along with the core professional and career development modules of *Working in the Media Industries*, you'll study a range of optional modules. Examples of these include:

- Creative Documentary
- Creative Fiction: Horror
- Creative Studio
- Writing for Film and Television
- Art Cinema
- Digital Culture
- Documentary Screens
- Stardom and Celebrity
- Television Genre.

### Third year

Will consist entirely of optional modules, examples of which include:

- Documentary Production
- Contemporary Television Drama
- Experimental Media Production
- Fiction Film Production
- Scriptwriting
- Cult Cinema: Texts, Histories and Audiences
- Experimental Cinema
- Gender and the Media
- Independent Research Project
- Studying Videogames.

 <b>Related courses:</b> Drama and Theatre Studies p.198, Media and Communication Studies p.202, Scenography and Theatre Design p.204.
 This degree is also available as a four-year course with a foundation year (W62F). The first year of this course will bring you up to university entry level, preparing you for the final three years.

# Film-making

## BA (Hons)

Our exciting and innovative Film-making degree will examine the process of how a film is developed, financed, shot, delivered and exploited. The aim of the degree is to provide our students with the knowledge and understanding of all aspects of the film-making experience.

As the name suggests, this is a practical degree with a strong vocational ethos. Through producing their own original films, as well as working with the camera, sound and post-production equipment, students will gain valuable hands on experience preparing them for a career in the industry.

The degree has been established by industry experienced teaching staff with over 35 years' experience of completion and delivery of films within the film industry, and is one of the few in the UK that has a professional association with the Production Guild of Great Britain.

Film-making students at Aberystwyth will enjoy:

- being taught by staff who are experts in the field of film-making and have experience of completion and delivery of films within the industry
- excellent facilities including a digital sound studio with advanced multi-track recording; brand new cinema, colour grading and dubbing suite; 10 dedicated edit suits with AVID Media Composer, Adobe Premiere Pro and ProTools; editing lab and workshop with 12 work stations; 50 professional HD cameras, including Sony and Canon; Sennheiser, Rode, Tascam and Marantz audio recording equipment
- state-of-the-art sound design and dubbing stage
- connections with key industry partners such as AVID and Movie Magic Masterclasses.

### Employability

Students studying this course could pursue a career in: producing, directing, assistant directing, sound, camera work, post-production or as part of a tech crew.

### Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> P301.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> UCAS tariff points: 120-96. IB: 30-26 overall.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Assessment weighting:</b> 90% coursework (practical and written), 10% exams (depending on choice of modules).

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Making Short Films
- Introduction to Film Production
- Introduction to Post-Production and Editing.

You'll also study optional modules

### Second year:

Along with the core Film Project Module you will study a range of optional modules. Examples include:

- Cinematography
- Directing
- Sound Recording
- Editing
- Producing.

### Third year:

Along with the core Fiction Film Project module you'll study a range of optional modules.

Examples of these include:

- Sales and Distribution
- Sound Design and Dubbing
- VFX and Grading
- Fiction Film Project.

For more details on the optional modules available, see our current list on our website, or contact us.

 <b>Related courses:</b> Drama and Theatre Studies p.198, Film and Television Studies p.200, Media and Communication Studies p.202, Scenography and Theatre Design p.204.
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# Media and Communication Studies

## BA (Hons)

If you are interested in who controls and owns our media, how media content is produced, and what impact the media has on us as audiences, then our Media and Communication Studies degree is for you.

Through our interdisciplinary approach to the subject you will develop dynamic insights into the nature of interactions between media texts, media audiences and media producers.

The scheme has been designed to allow you to develop your creative, critical and technical skills through innovative practical work (e.g. in multiplatform production and experimental media) and challenging scholarly enquiry in areas such as media policy and history, advertising, digital journalism, media law, gender and media, video games, and digital culture.

Media and Communication Studies students at Aberystwyth will enjoy:

- being taught by staff who are experts in the field of Media and Communication, have excellent connections to the industry, contribute to national debates on the media, and are at the forefront of research in the field
- expanding your knowledge of sociology, psychology, cultural studies, history, philosophy, linguistics and marketing
- modern teaching facilities including a brand-new PC lab designed to assimilate the digital media industry
- full access to the National Broadcast Archive of Wales which is a stone's throw away from Penglais campus.

### Employability

Many of our graduates have been successful in finding employment in marketing and public relations, advertising, media planning and education. Others work as floor managers, camera operators, producers and directors.

### Key facts

 **Degree type:** BA.

 **UCAS Code:** P300.

 **Duration:** 3 years.

 **Typical offer:**  
**UCAS tariff points:** 120-96.  
**IB:** 30-26 overall.

 **Study abroad opportunities:** Yes.

 **Field trips/fieldwork:** Yes.

 **Assessment weighting:** 80% coursework, 20% exams.

 **Related courses:** Drama and Theatre Studies p.198, Film and Television Studies p.200, Scenography and Theatre Design p.204.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Making Short Films
- Studying Media
- Studying Communication.

You'll also study optional modules.

### Second year

Your second year will also consist entirely of optional modules, which you'll choose from a range available. Examples include:

- Advertising
- Creative Documentary
- Creative Studio
- Digital Culture
- Digital Journalism
- Media and Society in Wales
- Television Genre
- Stardom and Celebrity
- Work in Media Industries.

### Third year

Your third year will also consist entirely of optional modules, which you'll choose from a range available. Examples include:

- Documentary Production
- Experimental Cinema
- Experimental Media Production
- Gender and the Media
- Contemporary Television Drama
- Independent Research Project
- Media Law
- Media Semiotics
- Studying Videogames
- Television and Society.

For more details on the optional modules available, see our current list on our website, or contact us.

 **You can study this course (as joint honours) with:** Drama, History, Education, English, Creative Writing, and Information Studies. Please see p.20.



Students working in the RGJ Studio.

# Scenography and Theatre Design

## BA (Hons)

Led by internationally recognised practitioners, the scheme takes a fresh and radical approach to design in performance, looking beyond the established boundaries of set, costume, lighting and sound design to take a total view of performance space as an expressive artistic field in its own right. This is not a degree in 'how to do it', but an inquiry into how it might be done.

Through a combination of practical and theoretical explorations, you will critically examine and engage with a wide range of contemporary practices from playhouse theatre to site-specific performance and from environmental theatre to performance installation. As the scheme progresses, the focus of study sharpens steadily upon your own practice as an independent artist, applying your acquired knowledge and skills to the making of work that is fresh, radical and expressive for you, within or beyond the context of theatre and performance.

Scenography and Theatre Design students at Aberystwyth will enjoy:

- an inspiring and innovative approach to theatre and performance design
- being taught by a small team of internationally-recognised professional designers
- complementary learning experiences where theory and practice feed into each other
- connections with key industry partners, such as National Theatre Wales, Music Theatre Wales, Quarantine Theatre Company, and Theatr Genedlaethol Cymru
- superb facilities and spaces to create: model-making room, costume workshop, construction spaces, sound studio and three rehearsal studios, each with flexible technical facilities
- close links with Aberystwyth Arts Centre, one of the largest arts centres in Wales, which regularly presents national and international theatre and dance work.

### Employability

Many of our graduates have gone on to work as set, costume, lighting, production and performance designers, either directly, through association with co-operative and professional companies, or after further postgraduate study.

### Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> W460.
 <b>Duration:</b> 3 years.
 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Assessment weighting:</b> 100% coursework.
 <b>Related courses:</b> Drama and Theatre Studies p.198, Film and Television Studies p.200, Media and Communication Studies p.202.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Scenography Studio Project
- Theatre Technologies
- Scenography Site Project.

#### Second year:

- Scenographic Composition
- Theatre Design Project.

#### Third year:

- Advanced Studio Practice (Scenography)
- Advanced Scenographic Project.

In each year of this degree, you'll also study a range of optional modules. For more details on the optional modules available, see the current list on our website, or contact us.

# Writing for Broadcasting, Media and Performance

## BA (Hons)

Whether you're interested in writing for television, radio or live theatre, this degree is designed to develop your practical writing skills in a vibrant and conducive environment.

You will gain a firm grounding in how to write across platforms and for different audiences, developing your understanding of fundamental techniques and cultivating your confidence.

Our team of experts will fire your imagination, enhance your critical thinking and prepare you for a career as a professional writer.

Writing for Broadcasting, Media and Performance students at Aberystwyth will enjoy:

- internationally-recognised staff with strong professional reputations for writing continuing television drama (e.g. Doctors, and Hollyoaks), radio drama, adaptations and plays, along with expertise on British and Irish Drama
- connections with key industry partners, such as the BBC, S4C, the Edinburgh Film Festival, Lurking Truth Theatre Company, Ffresh Film Festival, BAFTA, Avid, Fiction Factory, Arad Goch, National Theatre Wales, the National Library of Wales, and the Aberystwyth Arts Centre
- close proximity to the National Screen and Sound Archive of Wales.

### Employability

Many of our graduates have found career paths which include working in broadcast media, floor managers, camera operators, producers and directors, marketing, media planning, education, public relations, publishing, and some go on to further studies.

### Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> P302.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96. <b>IB:</b> 30-26 overall.
 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Studying Television
- Theatre in Context 1
- Writing Continuing TV Drama
- Studying Film
- Theatre in Context 2.

#### Second year:

- Writing for Film and Television
- Writing Audio Drama.

#### Third year:

- Scriptwriting 1 and 2
- Playwriting.

In each year of this degree, you'll also study a range of optional modules including:

- Acting: Process and Performance
- Contemporary British and Irish Drama
- Contemporary Television Drama
- Devised Performance Project
- Directors' Theatre: Staging Modern Drama
- Film Genre: The Horror Film
- Shakespeare in Performance
- Stardom and Celebrity.

# Veterinary Science

## Our course

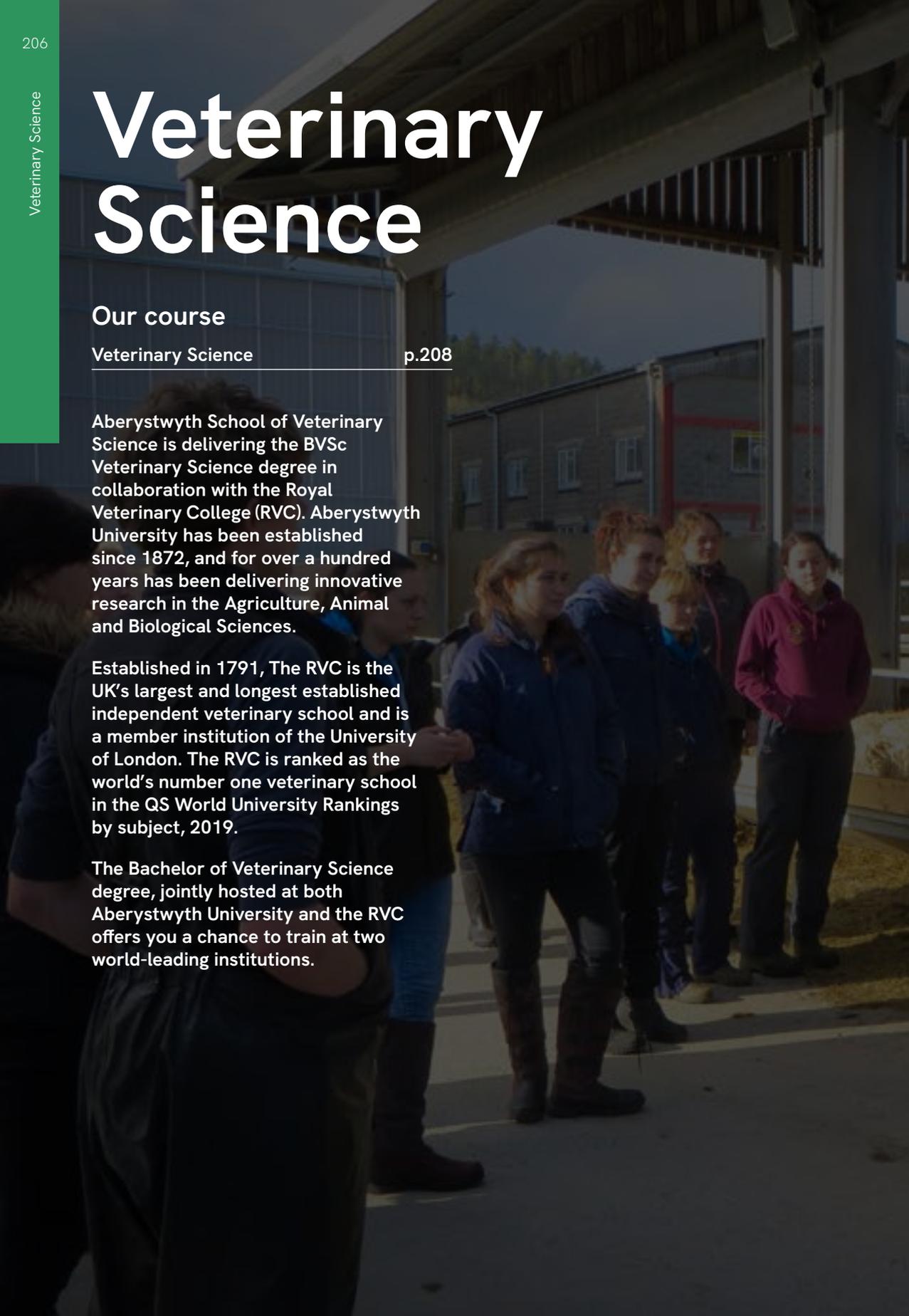
Veterinary Science

p.208

Aberystwyth School of Veterinary Science is delivering the BVSc Veterinary Science degree in collaboration with the Royal Veterinary College (RVC). Aberystwyth University has been established since 1872, and for over a hundred years has been delivering innovative research in the Agriculture, Animal and Biological Sciences.

Established in 1791, The RVC is the UK's largest and longest established independent veterinary school and is a member institution of the University of London. The RVC is ranked as the world's number one veterinary school in the QS World University Rankings by subject, 2019.

The Bachelor of Veterinary Science degree, jointly hosted at both Aberystwyth University and the RVC offers you a chance to train at two world-leading institutions.



# Veterinary Science

## BVSc

This jointly hosted Bachelor of Veterinary Science (BVSc) degree offers you a unique opportunity to train at two world-leading scientific and educational institutions: the Royal Veterinary College (RVC) and Aberystwyth University. This exciting new course combines the scientific and clinical expertise from both organisations to help students gain wide-ranging veterinary training, and it will be especially appealing to those interested in veterinary careers within Wales or in rural mixed practice.

This programme has been designed to educate students in the diagnosis, management and prevention of disease in a broad range of animal species including household pets, farm animals, horses and exotic species. Throughout this comprehensive course, we will help you acquire an understanding of the basic biological principles of normal body function and disease, the ability to distinguish the pathological from the normal and safely manage the processes of animal production. You will explore opportunities to further veterinary knowledge through research, as well as developing a logical approach to clinical and professional problem solving in order to improve animal health and welfare.

### Course Content

Teaching is organised in strands. These strands are visited on multiple occasions, initially focusing on the healthy animal, and progressing through diseases of different systems, their investigation and management. There are also non-system strands that focus on the underpinning science and the impact of animal disease on public health.

In the first two years you will be based in the heart of Wales at Aberystwyth University, studying the biology underpinning veterinary sciences, acquiring basic farm animal, horse and companion animal handling and examination skills, developing your communication, problem solving and team working skills. Aberystwyth University has a long history of animal health teaching and research and is committed to educational excellence.

In your third, fourth and fifth years you will be based at the RVC's Hawkshead Campus in Hertfordshire where you will acquire the advanced knowledge and practical skills in the clinical sciences necessary for you to become a registerable veterinarian. During this period your clinical training will be undertaken in a range of the RVC's clinical facilities and affiliated veterinary practices as well as a specific rotation at Aberystwyth University focused on production animal issues relevant to Wales.

The RVC has three outstanding academic and clinical departments. Lecturers at Aberystwyth University and the RVC in each department are not only world-class researchers and clinicians who are passionate about their field; they are highly qualified teaching professionals. At Aberystwyth University, students will benefit from the extensive university farms, Lluest Equine Centre and other teaching facilities.

The strands making up the basis of teaching are as follows:

### From first to third year:

- Principles of Science
- Locomotor
- Cardiovascular and respiratory
- Urogenital: renal
- Urogenital: reproduction
- Alimentary system
- Neurology and special senses
- Lymphoreticular and haematopoietic
- Skin
- Population medicine and veterinary public health (PMVPH)
- Scholarship evidence-based medicine.

### During the fourth and fifth years:

The majority of teaching during the fourth and fifth years of the programme is in the form of clinical rotations, where you will work in small groups in a variety of clinical environments.

Students participate in both intramural rotations and ClinEMS placements across species and disciplines. They will also undertake a research project of their choice.

### Practical and Clinical Teaching

#### Animal Husbandry Extra-Mural Studies (AHEMS)

AHEMS is undertaken during the first two years of the programme. AHEMS placements are designed to help you consolidate your learning about animal husbandry, develop animal handling skills, and learn about animal industries. You must complete 12 weeks of AHEMS before entry to the third year of the course. To gain a stronger insight into Welsh veterinary needs, six weeks of these AHEMS will be performed in Wales.

#### Clinical Extra-Mural Studies (ClinEMS)

ClinEMS is the time dedicated to gaining practical clinical experience in the latter years of your veterinary science programme to support your learning and clinical experience. ClinEMS will allow you to gain experience in a variety of different clinical and other veterinary-related organisations, where you will consolidate your learning about diagnosis and management of animal diseases, enhance your practical clinical skills, and acquire greater understanding of how veterinary organisations operate.

During the third, fourth and fifth years you will undertake ClinEMS placements, totalling 26 weeks of placements. To gain a stronger insight into Welsh veterinary practices, 13 weeks of these ClinEMS will be performed in Wales.

#### Intramural clinical rotations

In the final two years of the course, your clinical experience will focus on:

- observation, discussion and practical experience as a clinical team member within the RVC hospitals, and in clinical enterprises in which the RVC is a collaborating partner
- during your time on rotations your learning and understanding will be complemented by a broad range of lectures, seminars and workshops.

### Employability

The Royal College of Veterinary Surgeons (RCVS) accredits UK veterinary degrees to ensure new veterinary surgeons are fit to practise on graduation, and thus eligible to join the RCVS Register as Members of the Royal College of Veterinary Surgeons. Only those individuals registered with the RCVS can call themselves veterinary surgeons and practise veterinary surgery in the UK. The RVC, Aberystwyth University and the RCVS are working closely together to ensure that our BVSc course meets the standards required for the RCVS to grant full accreditation in 2026 when the first cohort of students graduate.

Graduates develop an in-depth scientific knowledge that may be applied to a broad range of career pathways including the spectrum of clinical practices, veterinary and biomedical research, veterinary public health and food security, conservation medicine and a range of activities with government and veterinary-related industries. Additionally, having trained partially in Wales throughout the degree, graduates will be extremely well-suited to continue their career in Welsh practices and other veterinary institutions and employers.

## Key facts



**Degree type:** BVSc



**Duration:** 5 years



**Typical offer:**  
**A Level entry requirement:** AAA (including Biology and Chemistry) and a third subject which should not overlap with Biology or Chemistry, excluding general studies. For more details regarding international and contextual offers please visit: [www.aber.ac.uk/vet-sci](http://www.aber.ac.uk/vet-sci).



**Interview:** Multiple mini-interviews (MMI) will be held at Aberystwyth as part of the selection process.



**Supplementary form:** As part of your application you are required to complete our Applicant Supplementary form. More details on where to obtain this and the deadline to submit the form will be available at our website: [www.aber.ac.uk/vet-sci](http://www.aber.ac.uk/vet-sci).



**Work experience requirements:** Before applying you must have completed a minimum of 70 hours of work experience (paid or voluntary) in one or more veterinary practices and 70 hours in a variety of different animal environments (excluding your home environment, family business or pet ownership), 35 hours of which must be farm animal or equine-related. This work experience must be obtained within the 18-month period directly preceding the application deadline.

## IMPORTANT INFORMATION

The BVSc is a joint degree between Aberystwyth University and RVC, therefore not all aspects relating to admissions, scholarships and fees stated elsewhere in this prospectus will apply. For further information, please visit our website [www.aber.ac.uk/vet-sci](http://www.aber.ac.uk/vet-sci)

# Welsh and Celtic Studies

## Our courses...

Celtic Studies	p.212
Cymraeg (Welsh)	p.216
Cymraeg Proffesiynol (Professional Welsh)	p.213
Cymraeg a'r leithoedd Celtaidd (Welsh and the Celtic Languages)	p.217
Cymraeg y Gweithle Proffesiynol (Professional Welsh in the workplace)	p.214

The Department provides an excellent environment for the study of Welsh language, literature and culture, as well as Celtic studies. Aberystwyth offers unique opportunities for its students to learn Breton, Irish, Scottish Gaelic, and Welsh - from beginners to confident and fluent speakers.

A degree from the Department of Welsh and Celtic Studies at Aberystwyth University will prepare you for a wide range of rewarding employment opportunities in both the private and public sectors in Wales and beyond. Graduates with a high standard of Welsh are in great demand as translators (including simultaneous translation), editors and proof readers. Other career opportunities include teaching and education, research, media and journalism, creative writing, marketing and PR, administration, the heritage industry, tourism and the civil service.

**100%** of our graduates were in work or further study within 6 months of graduation

(HESA 2018)

*The National Library of Wales is located next to Penglais Campus. The National Library of Wales welcomes all students to use their facilities.*



# Celtic Studies

## BA (Hons)

Aberystwyth is renowned for its dedicated exploration of the Celtic languages and their associated cultures, histories and literatures. Our four year Celtic Studies degree will provide you with a unique opportunity to learn about Celtic languages and their cultures.

The first year will enable you to consider the broad questions of identity, culture and literature, while introducing you to a modern Celtic language.

In subsequent years you will concentrate on expanding and consolidating your knowledge of modern and historical Celtic languages, as well as the literature and culture of Celtic-speakers from the earliest history to the present day.

Welsh and Irish remain at the core of our language provision, but the range of modules available allows you to explore other linguistic and literary interests such as Breton and Scottish Gaelic.

Students studying Celtic Studies at Aberystwyth will enjoy:

- the opportunity to hear and use Welsh in a Welsh-speaking community
- an international and diverse academic community and stimulating research environment
- proximity to the National Library of Wales and the Centre for Advanced Welsh and Celtic Studies
- the opportunity to study abroad
- the opportunity to apply for a scholarship, courtesy of the Irish Government, to follow an intensive language course in Ireland
- joining the only academic department in Britain that teaches all the living Celtic languages: Welsh, Breton, Irish and Scottish Gaelic.

## Modules

Below is an indicative list of core modules that you may study on this course.

### First year:

- Introduction to the Literature of Gaelic Ireland
- The Celts: A Contested Legacy\*
- Introduction to Welsh Literature
- Beginning Modern Welsh.

### Second year:

- Introduction to Modern Irish Language
- Modern Irish Language and Literature for Non-Beginners
- Cymraeg Llyfr a Chymraeg Llafar
- Llenyddiaeth Gymraeg: Cyfoes a Hanesyddol
- Trafod y Byd Cyfoes drwy'r Gymraeg.

### Third year:

- Middle Irish Texts in Context
- Modern Irish (Language and Literature)
- Cymraeg y Gweithle Proffesiynol.

### Fourth year:

- Modern Irish (Language and Literature)\*.

\* also available partially or entirely through the medium of Welsh.

You will also be able to choose from a wide range of optional modules each year on this course.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> Q500.
 <b>Duration:</b> 4 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 with evidence of linguistic ability. <b>IB:</b> 30-26 overall with evidence of linguistic ability.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.

 <b>Study abroad opportunities:</b> Yes.
 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Cymraeg Proffesiynol (Professional Welsh) p.213, Cymraeg/Welsh p.216, Cymraeg a'r Ieithoedd Celtaidd (Welsh and the Celtic Languages) p.217.

# Cymraeg Proffesiynol (Professional Welsh)

## BA (Hons)

We understand the importance of providing our students with the knowledge and skills necessary to succeed in a professional bilingual workplace. Aberystwyth is the home of Professional Welsh, and this sector-leading scheme is popular with students and employers who seek a 'gold standard' in Welsh.

Cymraeg Proffesiynol hones skills that will enable you to use the Welsh language confidently in professional contexts as varied as Welsh government, journalism, the media, and the publishing industry. We also offer you the opportunity to apply these skills through work experience in one of 30 institutions and businesses in the public and private sector, enabling crucial networking opportunities.

Our bespoke core modules introduce a range of essential skills: writing reports and press releases, taking minutes and simultaneous translation, adaptation for radio/television/film, copy-editing, and adapting texts from other languages. You can also study a wide range of optional modules that focus on language, literature or creative writing, or you can add another language to your professional CV by studying Irish or Breton.

Students of Cymraeg Proffesiynol at Aberystwyth will enjoy:

- having the support of a designated lecturer in Professional Welsh on the first scheme of its kind in Wales
- being part of the oldest Department of Welsh and Celtic Studies in Wales, which has many well-established working links with private businesses and public-sector institutions who can help you make valuable contacts in the world of work
- our proximity to the National Library of Wales, with its invaluable resources
- the opportunity to study another Celtic language alongside Welsh: Breton, Irish or Scottish Gaelic

**Cymraeg Proffesiynol is also available as a joint honours scheme with Law: Y Gyfraith a Chymraeg Proffesiynol (MQ56).**

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> Q5P0.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-104 to include B in A level Welsh 1st language. <b>IB:</b> 30-28 overall with B in A level Welsh 1st language.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> No.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Cyflwyniad i Gymraeg Proffesiynol
- Cymraeg Llyfr a Chymraeg Llafar
- Sgiliau Astudio Iaith a Llên
- Themâu a Ffigurau Llên c.550-1900
- Beirdd a Llenorion o 1900 hyd Heddiw
- Cymru a'r Celtaid
- Gwyddeleg Modern: Cyflwyniad
- Llydaweg: Cyflwyniad.

### Second and Third years:

- Astudiaethau Trosi ac Addasu
- Bro a Bywyd: dehongli treftadaeth lenyddol y Cymry
- Gloywi Iaith
- Y Gymraeg yn y Gweithle
- Prosiect Hir.

In the second and third years, other modules are available. For more information, see our website or contact us.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Celtic Studies p.212, Cymraeg a'r Ieithoedd Celtaidd (Welsh and the Celtic Languages) p.217, Cymraeg/Welsh p.216.
 <b>This course is only available through the medium of Welsh.</b>

# Cymraeg y Gweithle Proffesiynol

(gyda Busnes a Rheolaeth, Cyfrifeg a Chyllid)

## (Professional Welsh in the workplace)

(with Accounting and Finance, Business and Management)

The innovative course, Welsh in the professional workplace, is available to study with Accounting and Finance (QN54) or with Business and Management (QN51). The joint honours BAs with Welsh in the professional workplace combine linguistic and professional Welsh skills with expertise in accounting and finance or business and management.

There is a growing demand for high-calibre bilingual professionals in contemporary Wales, and this new course will enable you to gain invaluable skills and experiences when entering the business world in Wales and beyond.

You will have the opportunity to learn the following skills: administration, editing, translation, marketing, management, presentation, leadership and collaboration. You will also learn about entrepreneurship and developing your own business.

You will gain valuable experience, through the medium of Welsh, of the wealth of careers available to you, and you can also choose to study aspects of Welsh language, culture and literature.

This course is available to first and second language students. There is also an opportunity to follow the course even if you haven't studied Welsh first language A level.

### Key facts



**Degree type:** BA.



**UCAS Code:**  
**QN51** - Cymraeg y Gweithle Proffesiynol / Busnes a Rheolaeth.  
**QN54** - Cymraeg y Gweithle Proffesiynol / Cyfrifeg a Chyllid



**Duration:** 3 years.



**Typical offer:**  
**QN51 and QN54** - UCAS tariff points: 120-104 to include B in A level Welsh 1st language.  
**IB:** 30-28 overall with B in A level Welsh 1st language.



**Study abroad opportunities:** Yes.

### Modules

Below is an indicative list of core modules that you may study on this course.

#### First year:

- Fundamentals Of Accounting And Finance
- Cymraeg Llyfr A Chymraeg Llafar
- Trafod Y Byd Cyfoes Trwy'r Gymraeg
- Ysgrifennu Cymraeg Graenus
- Hanfodion Rheolaeth A Busnes\*
- Egwyddorion Marchnata Ac Ymarfer Cyfoes\*
- Data Analytics
- Understanding The Economy

#### Second year:

- Cymraeg Llyfr A Chymraeg Llafar
- Cymraeg Y Gweithle Proffesiynol
- Entreprenwriaeth A Chreu Menter Newydd
- Rheolaeth Marchnata
- Rheolaeth Adnoddau Dynol\*
- Gweithrediadau A Rheoli'r Gadwyn Cyflenwi\*
- Corporate Finance And Financial Markets
- Intermediate Financial Accounting
- Intermediate Management Accounting.

#### Third year:

Gloywi Iaith Yr Ail Iaith .

*\* also available partially or entirely through the medium of Welsh.*

You will also be able to choose from a wide range of optional modules each year on this course.



**Field trips/fieldwork:** Yes.



**Related courses:** Cymraeg Proffesiynol (Professional Welsh) p.213, Cymraeg/Welsh p.216, Cymraeg a'r Ieithoedd Celtaidd (Welsh and the Celtic Languages) p.217.



# Cymraeg (Welsh)

## BA (Hons)

By studying a degree in Welsh at Aberystwyth, you will be part of an established department that leads the sector in areas such as translation studies and Welsh in the professional workplace. The Department is home to a vibrant and enthusiastic community of students and researchers from Wales and beyond that share the aim of promoting a wider understanding of the Welsh language, its history, its literature and its place in the modern world.

You will be taught by staff who are experts in their fields and as a result you will be able to choose from a range of interesting subjects.

There are several entry points for learning Welsh at Aberystwyth: beginner (Q522), intermediate (second language Q560) and fluent (first language Q560). The courses for each entry point allow you to improve your written and spoken Welsh, to study a comprehensive range of literature from all periods, and to deepen your understanding of the language and how it continues to evolve in a global environment.

Students studying Welsh at Aberystwyth will enjoy:

- being able to live and study in one of the heartlands of the Welsh language
- the opportunity to learn Breton, Irish or Scottish Gaelic alongside Welsh
- being able to tailor Part 2 of your degree by choosing from a range of language, literature, critical, professional and creative modules being able to study Welsh with other subjects: Education, Drama and Theatre, Film and Television, Geography, History, Welsh History, International Politics, Maths, Spanish, Business and Management, Accounting and Finance.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> Q560 (1st and 2nd languages), Q522 (beginners).
 <b>Duration:</b> 3 years (Q522 is 4 years).
 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> No.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Typical offer:</b> <b>Q560 - UCAS tariff points:</b> 120-96 to include C in A level Welsh 1st or 2nd language. <b>IB:</b> 30-26 overall with C in A level Welsh 1st or 2nd language. <b>Q522 - UCAS tariff points:</b> 120-104 to include evidence of linguistic ability. <b>IB:</b> 30-28 overall with evidence of linguistic ability.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Sgiliau Astudio Iaith a Llên
- Cymraeg Llyfr a Chymraeg Llafar
- Themâu a Ffigurau Llên c.550-1900
- Beirdd a Llenorion o 1900 o hyd Heddiw
- Ysgrifennu Cymraeg Graenus
- Trafod y Byd Cyfoes drwy'r Gymraeg
- Llenyddiaeth Gymraeg: Cyfoes a Hanesyddol.

For first year beginners' modules, see 'Celtic Studies' p.212

### Second year:

- Cymraeg Llyfr a Chymraeg Llafar
- Cymraeg y Gweithle Proffesiynol
- Gloywi Iaith.

### Third year:

- Gloywi Iaith yr Ail Iaith
- Y Gymraeg yn y Gweithle.

For further information visit our website or contact us.

 Welsh for beginners (Q522) is four years in duration. The first year assumes no prior knowledge of Welsh and will bring you up to first year entry level Welsh.
 <b>Related courses:</b> Celtic Studies p.212, Cymraeg Proffesiynol (Professional Welsh) p.213, Cymraeg a'r leithoedd Celtaidd (Welsh and the Celtic Languages) p.217.

# Cymraeg a'r leithoedd Celtaidd (Welsh and the Celtic Languages)

## BA (Hons)

Studying Welsh and the Celtic Languages at Aberystwyth provides you with an opportunity to learn Breton, Irish or Scottish Gaelic alongside Welsh. By following this Welsh-medium course you will gain a deeper understanding of the Celtic languages and their literatures (past and present), and of their cultural and creative dynamics.

This course is taught in one of the main university departments in Britain that specialises in Welsh and Celtic languages, and you will be able to choose modules that suit your interests. As well as studying Welsh, you can also choose modules in Breton, Irish and Scottish Gaelic.

This scheme is designed to facilitate your linguistic development, and so students of Welsh and the Celtic Languages usually spend a semester of their third year at a university abroad. This experience gives you the opportunity to develop your language skills and your confidence, whilst also acquiring a life skill much admired by employers - the ability to live and work independently.

Students studying Welsh and the Celtic Languages at Aberystwyth will enjoy:

- being part of the oldest Welsh and Celtic studies department in Wales, which has many well-established working links with private businesses and public-sector institutions who can give our students valuable contacts in the world of work
- joining the only academic department in Britain that teaches all the living Celtic languages such as Welsh, Breton, Irish and Scottish Gaelic.

## Key facts

 <b>Degree type:</b> BA.
 <b>UCAS Code:</b> Q562.
 <b>Duration:</b> 3 years.

 <b>Typical offer:</b> <b>UCAS tariff points:</b> 120-96 to include C in A level Welsh 1st or 2nd language. <b>IB:</b> 30-26 overall with C in A level Welsh 1st or 2nd language.
 <b>Assessment weighting:</b> 40% coursework, 60% exams.
 <b>Study abroad opportunities:</b> Yes.

## Modules

Below is an indicative list of modules that you may study on this course.

### First year:

- Sgiliau Astudio Iaith a Llên
- Cymraeg Llyfr a Chymraeg Llafar
- Themâu a Ffigurau Llên c.550-1900
- Beirdd a Llenorion o 1900 o hyd Heddiw
- Ysgrifennu Cymraeg Graenus
- Trafod y Byd Cyfoes drwy'r Gymraeg
- Llenyddiaeth Gymraeg: Cyfoes a Hanesyddol.

### Second and third years:

In your second and third years, along with the core module of Gloywi Iaith, you'll also study a range of optional modules including:

- Barddoniaeth Tri Chwarter Canrif, 1900-79
- Gwyddeleg Modern (Iaith a Llên)
- Rhyddiaith y Dadeni
- Y Cynfeirdd Diweddar
- Y Gynganedd: Cwrs Trochi
- Rhyddiaith Tri Chwarter Canrif, 1900-79
- Traddodiad Benywaidd? Merched a Barddoniaeth 1400-1800
- Y Chwedl Arthuraidd cyn 1200
- Y Gymraeg yn y Gweithle
- Y Golygydd a'r Diwydiant cyhoeddi
- Y Cyfieithydd a'r sector cyfieithu.

Other modules are available. For further information visit our website or contact us.

 <b>Field trips/fieldwork:</b> Yes.
 <b>Related courses:</b> Celtic Studies p.212, Cymraeg Proffesiynol (Professional Welsh) p.213, Cymraeg/Welsh p.216.
 <b>This course is only available through the medium of Welsh, and is suitable for first and second language speakers.</b>

# Tuition fees and financial support

The tuition fees for 2021/22 entry are not yet confirmed. For Home/EU students enrolled on full-time undergraduate and PGCE courses starting at Aberystwyth University in September 2020, fees were £9,000. The fees position is different for international/non-EU students.

## International Students

- > Full-time Arts / Social Sciences £13,600 \*
- > Full-time Science £15,800 \*

*\*A full-fee paying international students beginning an undergraduate or postgraduate taught programme in 2021/22 will receive an inclusive accommodation offer. This will provide accommodation at no extra charge for the length of the course. For terms and conditions, please see our website.*

[www.aber.ac.uk/en/undergrad/scholarships/non-eu](http://www.aber.ac.uk/en/undergrad/scholarships/non-eu)

For the latest information on our fees, visit our website. For further information on loans and grants available to you, visit your government's student finance website.

Students from:

### Wales

[www.studentfinancewales.co.uk](http://www.studentfinancewales.co.uk)

### England

[www.gov.uk/student-finance](http://www.gov.uk/student-finance)

### Scotland

[www.saas.gov.uk](http://www.saas.gov.uk)

### Northern Ireland

[www.studentfinancenir.co.uk](http://www.studentfinancenir.co.uk)

## Help with living costs

At Aberystwyth, we understand that it can be hard to get to grips with budgeting and we are devoted to advising our students as best we can. Our Student Support and Careers Services and Students' Union can offer you advice on budgeting and where to find part-time work during the holidays or during your studies.

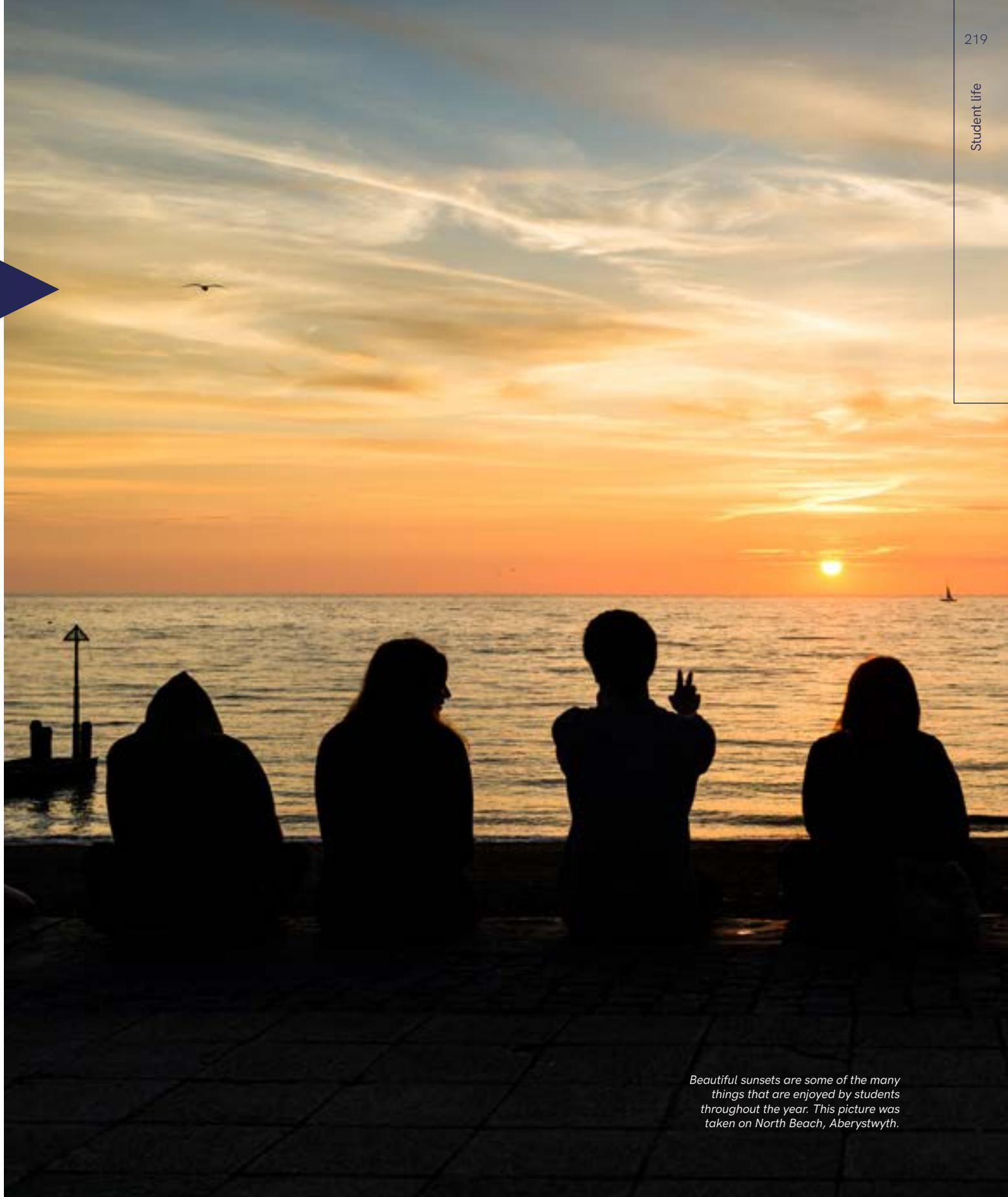
## Other sources of funding

You may be able to get additional funding elsewhere. Possible options include sponsorship, working part-time, or charitable bequests. Students with disabilities might be eligible for the Disabled Student's Allowance, and an additional grant may be available for travel costs. For further information visit your government's website.

 01970 622065

 [www.aber.ac.uk/scholarships](http://www.aber.ac.uk/scholarships)

 [www.aber.ac.uk/en/student-finance](http://www.aber.ac.uk/en/student-finance)



*Beautiful sunsets are some of the many things that are enjoyed by students throughout the year. This picture was taken on North Beach, Aberystwyth.*

# Scholarships and Bursaries

**At Aberystwyth we offer a generous package of scholarships and bursaries worth thousands of pounds to support our students day to day living costs.**

We offer a range of awards which are open to students from the UK, including academic awards such as the Entrance Examination competition, scholarships for sporting and musical achievement, support for care leavers and related groups, and scholarships for students who wish to study through the medium of Welsh. We also offer scholarships for European and international students.

It's possible to hold a number of awards together to make your financial package more valuable. Here are some examples of what we offer. Please visit our website for the full list.

## Entrance Scholarships

**Worth up to £2,000 a year.**

Entrance Scholarships and Merit Awards are awarded on the basis of your performance in two 1.5-hour Entrance Exams set by the University and can be held for any degree scheme. All scholars are given the opportunity to live in a university residence throughout their time as an undergraduate student. **Successful completion of the Entrance Exams could result in your place at Aberystwyth being confirmed without any further conditions.**

## Academic Excellence Scholarships

**Worth £2,000 in the first year.**

To reward academic excellence achieved prior to joining at the University, we are pleased to offer Academic Excellence Scholarships to applicants from the UK/EU who place Aberystwyth University as their Firm choice through UCAS and go on to achieve grades of at least AAA at A level, DDD in the BTEC Level 3 Extended Diploma, or 36 points in the International Baccalaureate (please see our website for a list of other accepted qualifications).

## Aber Uni/Aberystwyth Town Football Club (ATFC) Scholarship

**Worth £4,000 a year, plus additional benefits.**

This Scholarship is for male applicants from the UK applying to study full-time for a degree at Aberystwyth University. Applicants **MUST** have experience of playing football in the Welsh Premier League or at an equivalent standard.

## Music Scholarships

**Worth £650 a year, free membership of the Music Centre ensembles, free use of their practice rooms, library and other facilities, and guaranteed university accommodation for the duration of your course.**

Music Scholarships are for experienced players of orchestral instruments who can actively contribute to the University's wide range of orchestras, bands etc. They are awarded on the basis of competitive audition.

**A number of other awards are also available, including Sports Scholarships, Care Leaver Bursaries, departmental awards, and scholarships if you're thinking of studying some/all of your course through the medium of Welsh. For full details, visit our website.**



# Accommodation: Your next home

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.



**Free Sports Centre  
Platinum membership.**



**Guaranteed first year  
accommodation\*.**



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 Wi-Fi and a high level of personal contents insurance.

We offer a wide range of self-catered accommodation with either en-suite rooms, or flats with shared facilities along with our self-contained studios, with prices ranging from approximately £85-146 per week\*. We also have dedicated catered accommodation available for students who are Welsh speakers or learners and would like to live in a Welsh speaking environment. Our accommodation fees include the platinum gym membership at the University's sports centre, for further details see page 246.

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

## Applying for accommodation

If you have received a conditional or unconditional offer to study at Aberystwyth University and are holding us as either your firm or insurance choice, we will send you an invitation to apply for accommodation, both by e-mail and post, from April in your year of entry. We advise that you complete your application as soon as possible, as we offer accommodation on a first-come, first-served basis.

We can also continue to provide you with university accommodation throughout your time here. If you would like to live with the friends you have made in your first year, then you can apply to live together.

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](http://www.aber.ac.uk/accommodation).

## Key

-  Catered
-  Shower en-suite
-  Laundry Rooms
-  Wi-Fi
-  Dedicated Welsh Residences
-  Social and Study Areas
-  Parking

*\*To qualify you must ensure that your application is received by the 1st of August 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. Please note that the listed accommodation options and fees are for academic year 2020/21, 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](http://www.aber.ac.uk/accommodation).*

## Self-catered



### 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 available
- £139.97 per week (40 weeks)\*- ensuite room
- £146.58 per week (40 weeks)\*- studio



## Self-catered



### 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)\*



### 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
- £105.63 per week (39 weeks)\*

## Self-catered



### Trefloyne



- single rooms, in flats of 7 students
- shared communal facilities (bathroom and kitchen areas)
- use of The Lounge @ Rosser
- on Penglais Campus
- £95.41 per week (39 weeks)\*

## Catered (Welsh-medium) Pantycelyn



### Pantycelyn



- Re-opening for September 2020
- 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
- £167.02 per week (33 weeks)\*

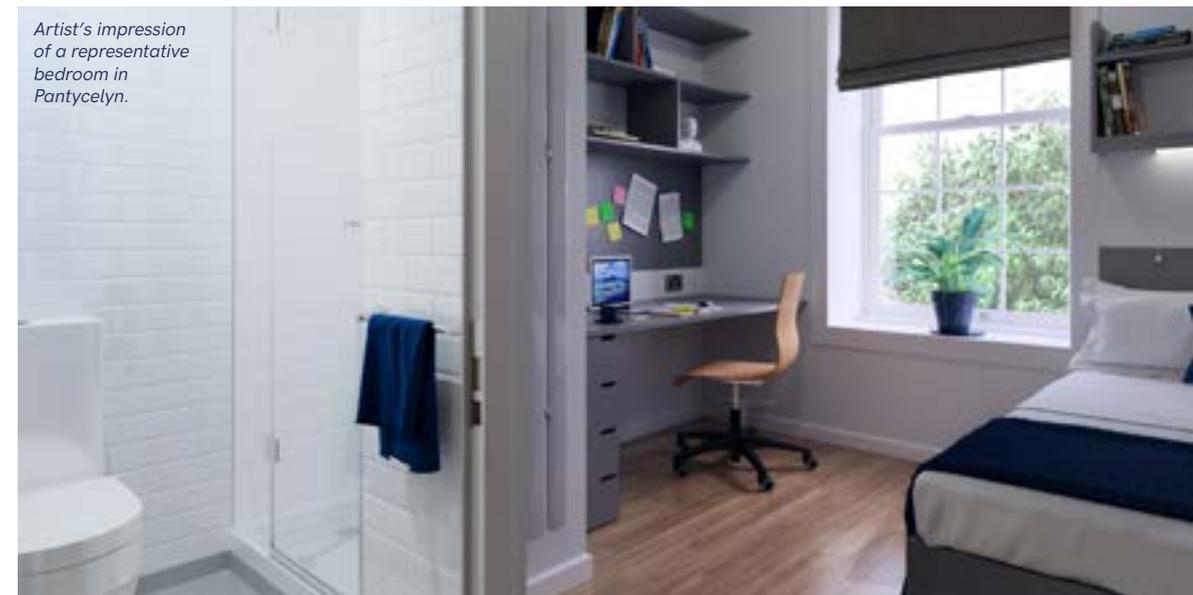
## Rosser



- single en-suite rooms, in flats of up to 8 students
- shared communal facilities
- use of The Lounge @ Rosser
- on Penglais Campus
- £117.18 per week (39 weeks)\*



Artist's impression of a representative bedroom in Pantycelyn.



# Supporting you



**Our 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 procedures.**

## Accessibility Service

The University is committed to maintaining a community that is accessible for everyone and welcomes applications from disabled students and those with specific learning differences. We advise you to consider before you apply the requirements of your chosen course and any elements that might present particular difficulties. We recommend that you visit the campus and department to investigate the support that may be available.

Our Accessibility Advisers are delighted to help before you apply. 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). 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. Our Accessibility Service also provides support for care leavers.

## Student Wellbeing Service

The Student Wellbeing Service works with students using solution focused techniques to build resilience and develop a toolkit of skills to help students effectively manage well-being issues relating to university life and beyond.

## Signpost mentoring

Signpost is a friendly and confidential peer-mentoring scheme for all new undergraduates 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.

## 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](http://www.nightline.aber.ac.uk) for more information.

## Advice for applying to university

Applying to university can be a very daunting prospect but we are here to answer your questions no matter what your concerns are. If you have queries relating to admissions and academic criteria contact: [ug-admissions@aber.ac.uk](mailto:ug-admissions@aber.ac.uk)

# Your future and career

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. Through one-to-one consultations, advice services, tailored lectures and workshops (some from visiting employers), our Careers Consultants will help you prepare yourself for the workplace.

## Industry Links

Many of our departments have strong links within their industries, which enable regular guest lectures, workshops and in some cases work placements. Some of our departments also host annual industry conferences and events.

## Work Experience

Our Year in Employment Scheme allows you to undertake a work experience placement between your second and third year. The University will keep your place on your degree course, and when you return you will enter the third year of your degree. Taking part in the Scheme may provide you with the opportunity to make or test decisions about a chosen career path; work abroad and learn a new language; secure sponsorship for your final year, or a promise of work after graduation. Some courses also include an integrated placement year.



# Global Opportunities



Aberystwyth's Global Opportunities Team offer an exciting range of options for you to go overseas as part of your degree. From short courses and volunteering opportunities in the summer, to a full semester or year abroad studying your chosen subject at one of our partner universities.

The University also offers a number of courses which include an integrated year studying abroad, which enables you to study at one of our European or international partner universities for one or two semesters during your third year, returning to Aberystwyth for your final year and graduation.

Reports have shown that students who study abroad are more attractive to employers and earn more than their peers. Take advantage of the opportunity of a lifetime while improving your critical skills by choosing to study abroad.



Just a few of  
Aberystwyth's  
international  
partners.

## Language students

Students who study one or more languages at Aberystwyth spend an additional year studying or working abroad. Time spent abroad improves fluency and confidence in the languages chosen and immerses students in the host culture.

# Life on Campus

Aberystwyth University's Penglais 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 walkable 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 study libraries and the National Library of Wales (a copyright library) adjacent to Penglais Campus.



# Study Spaces



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

**Across Penglais Campus, there are a number of study spaces including two University libraries.**

## Hugh Owen Library

During term-time, the Hugh Owen Library is open 24/7 to accommodate your studying needs. 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 (home to the Departments of Mathematics and Physics), this library houses materials for the study of mathematics, physics and computer science.

## IT Services

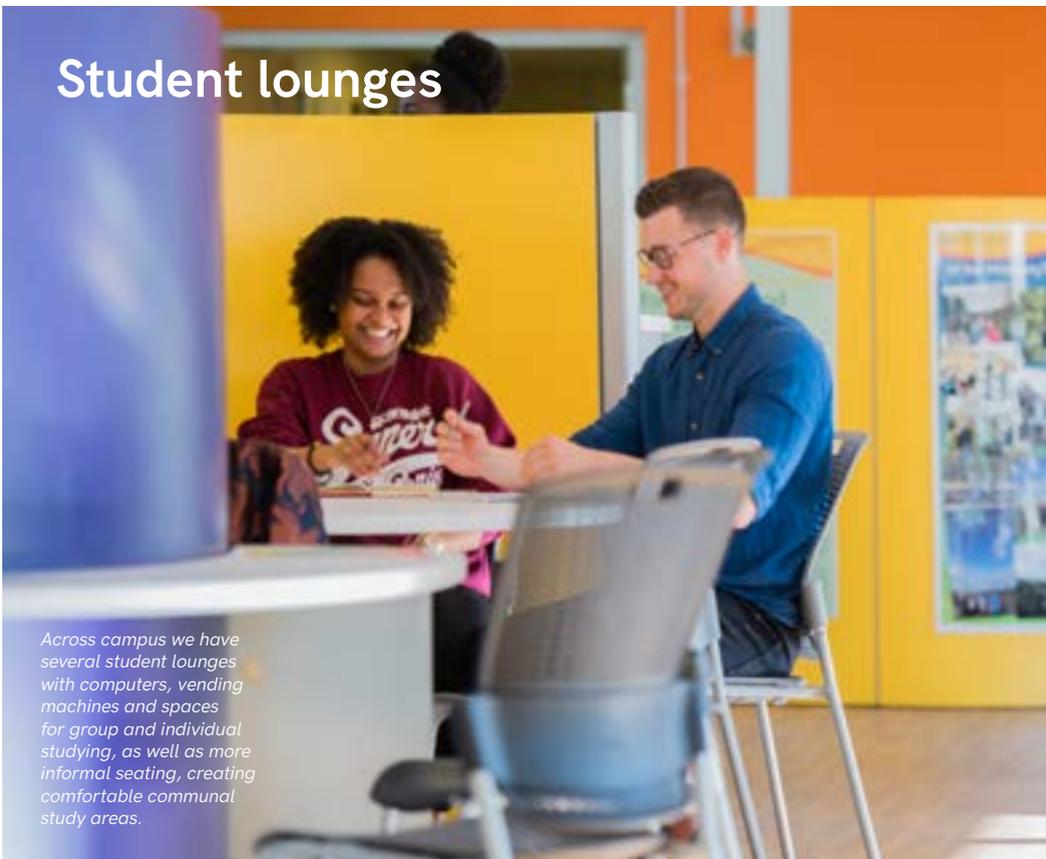
Within the Hugh Owen Library, you can seek advice relating to IT at the 24-hour customer service desk. The trained staff can offer you support on software or hardware issues or you can make use of the laptop loans scheme. There is also 24/7 access to computers, high-speed colour printers and scanners.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

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

## E-learning

Our Blackboard virtual learning environment gives you access to your course materials anywhere and anytime. This includes recordings of your lectures, submitting your assignments online, departmental announcements and online reading lists to assist your studies. 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.

# Student lounges



Across campus we 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.



The Lounge @ Rosser, located on Penglais Campus.



Y Sgubor, located on Fferm Penglais, is home to an open study space where you can purchase light refreshments.



# Food and Drink on Campus

With a wide range of award winning restaurants and cafes manned by our trained baristas, servers and chefs, you will be spoilt for choice!

Throughout all of our restaurants and cafes, we pride ourselves on providing high quality, responsibly sourced produce at affordable prices. We always aim to cater to all our students' cultural, nutritional and dietary needs including vegetarian, vegan, gluten-free, halal and lactose-free.

Whenever you are on campus you can enjoy a hearty breakfast, lunch and dinner in the main eateries, or a wide choice of light snacks, 'grab and go' products and hot & cold drinks in our cafes and shops. We also do deliveries to all campus halls from Nosh Da in the Students' Union.

Our catering services enjoy Fairtrade status, we have our own Sustainable Food Policy and are an essential part of the University wide initiative that helped Aberystwyth become the first university anywhere in the world to gain Plastic Free status.

Students enjoy a 10% discount when purchasing food or hot drinks in our outlets and there are further savings to be made with our loyalty card and re-useable cup initiatives. Paying with your Aberystwyth student card is an easy way to avoid the need for carrying cash and you can load credit onto your card either on-line or via ApAber. We offer flexible meal plans which enable you to budget for your termly or full year catering needs.

## Places to eat on Penglais Campus

- Arts Centre
- IBERbach
- Tamed Da & Tamed Bach (including Starbucks)
- Sguborfach (including Starbucks)
- Students' Union (including Student Shop)



Sguborfach



Tamed Da



IBERbach



# 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.**

As a Students' Union 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 a 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.

The Students' Union 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. Visit the Students' Union website to find out more.

# Sports and societies

## 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

## 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

## Environmental

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

## Fundraising / Campaigning

- Aber Marrow
- Aber WWF
- Marie Curie
- Oxfam Society
- Student Minds Aberystwyth
- Ticked Pink

## Gaming

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

## 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

## 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

## 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)

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 existing hobby that interests you. If not, you can even set up your own society.

- 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
- Korfbal
- 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



# Sports Centre

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 HITT, Yoga, Pilates, Step and Tone, Circuits to name a few.

One of the benefits of being a resident in one of the University managed accommodation (see p.222), is that you will receive a platinum gym membership included in your rental fees. The platinum gym membership will give you free and unlimited access to the gym, all fitness classes, the swimming pool and saunarium.



# 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.



*The Arts Centre comedy night.*



*Jack Savoretti performing in the Great Hall.*

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 gallery hosts exhibitions throughout the year. Recently, *The Fractal Clock* captures visitors' imaginations.



The Arts Centre cinema.



## The Music Centre

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. Located in Old College on the seafront, the Music Centre offers a range of musical ensembles, including a Symphony Orchestra, a Concert Band, a large choir, and guitar, string and other smaller groups. There are also spaces for group rehearsals and for individual practice. Each practice room has a piano and a sea view and gives you an opportunity to continue with your love of music, whether that's playing an instrument or singing. We also have a team of instrumental and vocal tutors and can arrange individual tuition if you wish to develop your musical skills further. For those of you who sing and play at a more advanced level, a Music Scholarship is also an option and is awarded through competitive audition.



The Music Centre's choir prepares major works for a concert with soloists and orchestras during the academic year. Recent concert highlights include Mozart 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.

# Be who you want to be...

At Aberystwyth we are proud of our close-knit community, within the University and the town. Although it's relatively small, anything goes here. The student body includes a rich variety of people, cultures and beliefs. You'll have a chance to try different things, make new friends but more importantly, to be yourself.

## Volunteering

Whether you want to work within the student community, with local charities or fundraising, there are plenty of opportunities to volunteer at Aberystwyth, both within the University and the town. The Students' Union provides a complete volunteering service, connecting you with opportunities and allowing you to record your hours towards an award every year.

## Eco Aber

Perhaps it's natural that a seaside town cares deeply about its environment. Here you can be a part of numerous campaigns, initiatives and activities that are all doing their bit to protect our environment. From beach cleans to plastic-free campaigns, you can be sure to find something that suits you.

At Aberystwyth University we are making efforts to lower our carbon footprint across Penglais Campus. As part of our commitment, we have gained a 'Plastic Free' status of single-use plastic, we have installed vehicle electric charging points across campus. We realise that we have more to achieve and our Environmental, Sustainability Plan will contribute to improve our home, the world.

## 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.



# Lifelong Learning



Lifelong Learning courses are offered in addition to your degree and can be taken without interfering with your undergraduate 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](http://www.aber.ac.uk/en/lifelong-learning/courses)

The courses 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 an undergraduate or postgraduate student, a selection of our courses are offered to you free of charge, visit:

[www.aber.ac.uk/en/lifelong-learning/freecourses](http://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.* ”



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



# Information for international students

Aberystwyth University attracts students from all corners of the globe. We are proud of our multicultural and vibrant community located in the heart of Mid Wales.

The International Student Adviser offers specialised advice on study visas to potential and current students, and supports students wishing to extend their visas in the UK. Immigration advice provided by the International Student Adviser is regulated by the Office of the Immigration Services Commissioner and must therefore meet certain standards, ensuring that students receive friendly and efficient visa guidance.

## English language requirements

Below are examples of the typical English language qualifications we accept. You can also meet the English language requirements for your degree by taking one of our Pre-sessional or Foundation Courses.

- IELTS - minimum of 6.0 (some subjects will require a higher level)
- TOEFL - score of at least 550 (paper-based) or 80 (internet-based)
- Cambridge Certificate of Proficiency in English
- Pearson Test of English Academic - score of 55
- Successful completion of a Pre-sessional Course of International Foundation Certificate at the University's International English Centre (IEC)

We also accept some country specific English language qualifications. For more information, please contact us on [international@aber.ac.uk](mailto:international@aber.ac.uk).

## Language support

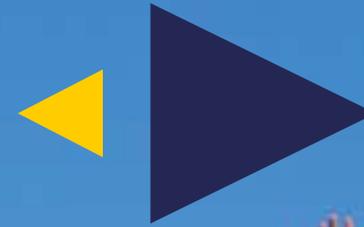
Our International English Centre can support you before your degree and during your studies. Support includes:

- writing and communication modules
- weekly seminars on writing and information skills
- one-to-one writing and language advice sessions
- Pre-sessional and Foundation Courses (see p.259).

To find out more about our entry requirements for your country, please contact us on [international@aber.ac.uk](mailto:international@aber.ac.uk).



# International English Centre



## Preparing for your Degree:

### Pre-sessional Courses

If you have a degree offer from Aberystwyth University but need to improve your English, you can take a Pre-sessional Course. Pre-sessional courses help you develop the language and skills needed for degree success, and provide an in-depth introduction to British academic culture. Courses run for 6, 12, 30 or 42 weeks.

Course	Dates
<b>42-week Pre-sessional Plus</b>	21 September 2020 - 10 September 2021
<b>30-week Pre-sessional Plus</b>	4 January 2021 - 10 September 2021
<b>12-week Pre-sessional</b>	21 June 2021 - 10 September 2021
<b>6-week Pre-sessional</b>	2 August 2021 - 10 September 2021

### International Foundation Courses

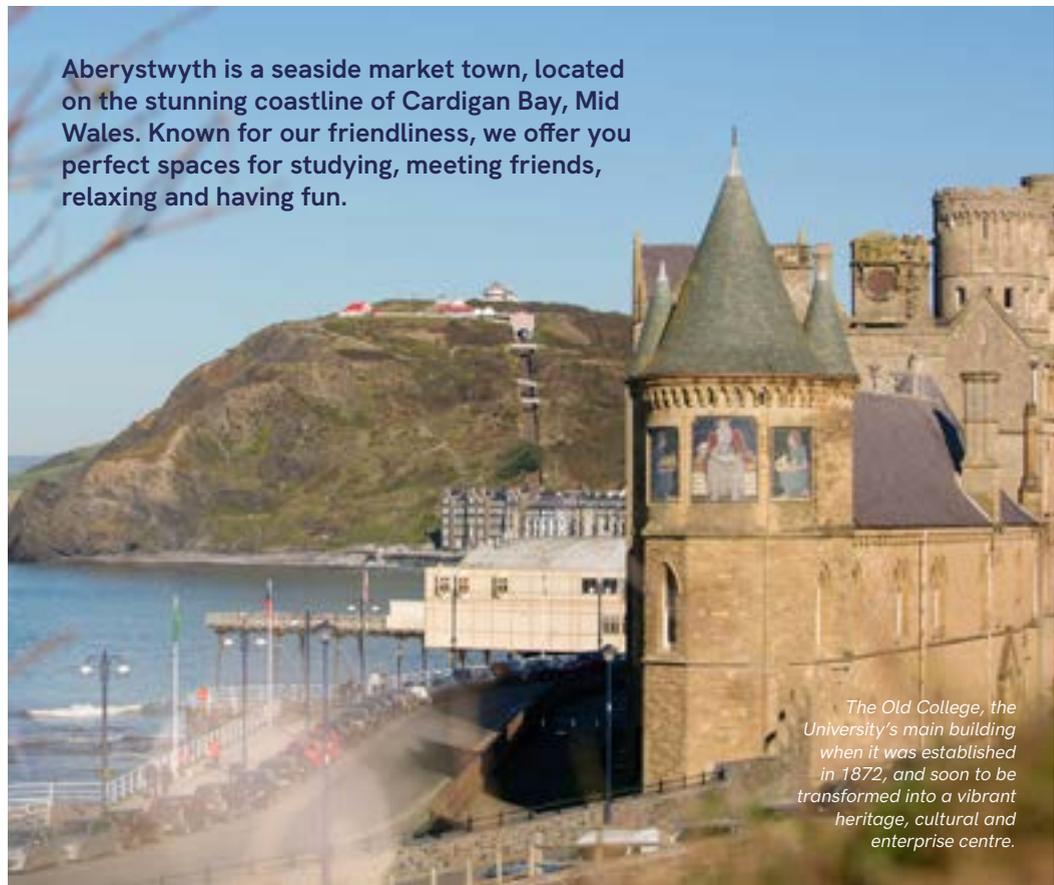
The International Foundation Certificate is for students who need to top up their academic qualifications, and/or improve their English before starting a degree. Pathways are available in:

- Business
- Computer Science
- International Politics
- Law and Criminology
- Film and Television Studies.

Course	Dates
<b>30-week International Foundation Certificate</b>	21 September 2020 - 28 May 2021
<b>30-week International Foundation Certificate</b>	4 January 2021 - 10 September 2021
<b>15-week Fast Track International Foundation</b>	25 January 2021 - 28 May 2021

For more information on these courses, visit our website, or contact us.

# Aberystwyth: the town



Aberystwyth is a seaside market town, located on the stunning coastline of Cardigan Bay, Mid Wales. Known for our friendliness, we offer you perfect spaces for studying, meeting friends, relaxing and having fun.

*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.*



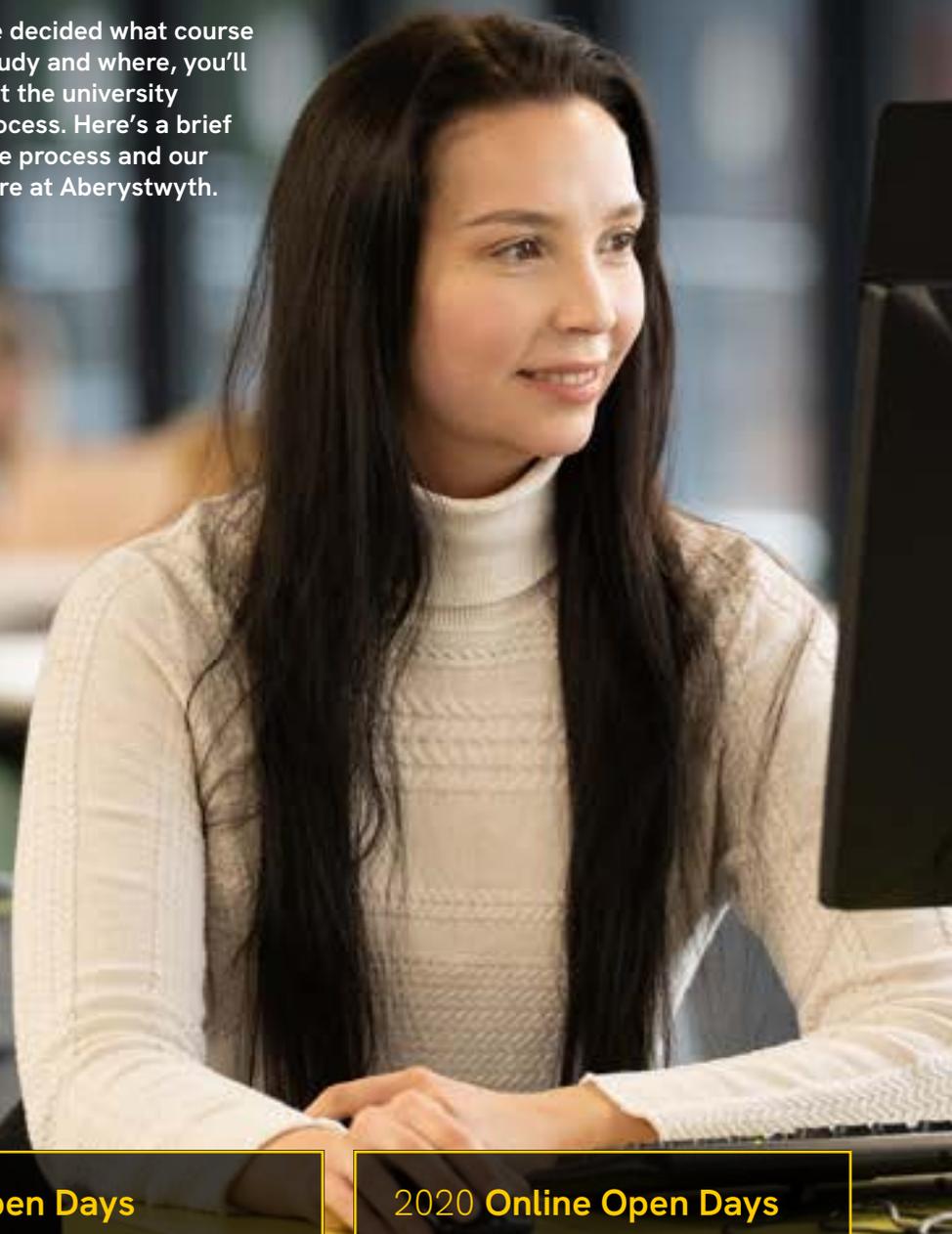
# Aberystwyth



*Approximately nine miles outside Aberystwyth are the famous Nant yr Arian mountain biking and walking trails and Red Kite feeding centre.*

# How to apply

Once you have decided what course you want to study and where, you'll be able to start the university application process. Here's a brief overview of the process and our procedures here at Aberystwyth.



## 2020 Open Days

Wednesday 8 July  
Saturday 12 September  
Saturday 10 October  
Saturday 7 November

## 2020 Online Open Days

Tuesday 5 May  
Wednesday 25 November

[www.aber.ac.uk/opendays](http://www.aber.ac.uk/opendays)

## 1 Apply through UCAS.com

Deadline 15 January. Aberystwyth University institution code: A40.

**TOP TIP:** You'll be given a 10 digit UCAS ID number. Keep this to hand as you'll be asked for it many times.

## 2 The University will consider your offer

**TOP TIP:** Use UCAS Track to keep an eye on your application. At Aberystwyth we aim to make a decision within 4 weeks.

## 3 The offer will show on UCAS track

## 4 Decide where to go

Once you've received all your offers, you'll need to decide which university you want to go to, within a set time. This is when you'll need to note which universities will be your firm and insurance choices.

## 5 Accommodation

Once you've chosen your firm/insurance choice you'll be able to apply for your accommodation (April 1<sup>st</sup> onwards).

## 6 Results day

UCAS Track will confirm your offer of a place. If you're not clear what the offer is, contact the university directly. Make sure you're not on holiday on results day. If you don't get the grades you've hoped for, you may want to consider entering Clearing.

## 7 Start packing!

## Key dates

### Early September 2020

UCAS open for applications for entry in 2021

### 15 January

Main scheme deadline for applying via UCAS. All applications received after this date will be considered on a case by case basis.

### 15 & 18 January

Closing date to apply for Aberystwyth University Entrance Scholarship - 15th January for EU/international applicants, 18th January for UK applicants.

### 29 January

Entrance Scholarship Examinations.

### April (and onwards)

Online accommodation applications open for students holding Aberystwyth UF, UI, CF, CI offers.

### 30 June

Those who submit UCAS applications after this date will be entered into Clearing.

### Mid August

A level results published.

### 20 September

Final deadline for applications to 2021 courses.

## Veterinary Science Applicants

For students applying for the BVSc Veterinary Science course, please note that the UCAS application deadline is 15 October 2020.

# Degree course requirements

Aberystwyth University operates an inclusive admissions policy which values breadth as well as depth of study. We recognise the individual nature of every application, and our published typical offers should be viewed only as a guide. Applicants are selected on their individual merits and offers can vary.

We allow you flexibility in meeting our entry requirements, and all qualifications that you have already gained, or are working towards, will be considered when reviewing your application. We have an inclusive policy which recognises a broad range of qualifications.

The table overleaf provides a general indication of standard offers in terms of some of the more popular school-leaving qualifications. These are typical offers based on an applicant offering three A levels or equivalent.

All of our undergraduate courses require GCSE (or equivalent) English or Welsh at grade C/4. Science, Mathematics, Business and Psychology subjects also require GCSE (or equivalent) Mathematics at grade C/4.

Offers to candidates without qualifications are made on an individual basis, and an interview may be required. For further advice, please contact the department concerned.

## Combined courses

For joint honours schemes the overall and specific subject requirements of both subjects will be used to make the offer. For major-minor honours schemes the offer will be that of the major (first-named) subject, plus any specific subject requirements of the minor (second-named) component. Please see page 20 for details of joint and major-minor honours degree scheme combinations available for 2021 entry. For further advice please contact the department concerned.

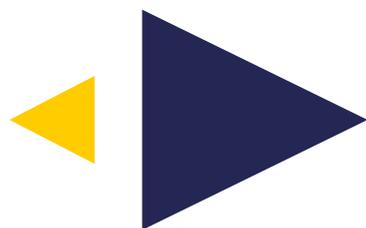
## Foundation courses

Aberystwyth also offers several degree schemes, which include an additional year of foundation study. If you have no qualifications and wish to make a career change or simply pursue your interest in one of these subject areas, the initial foundation year is designed to prepare you to tackle the academic content and pace of a university programme with the relevant knowledge and skills, and with confidence.

We can only guarantee acceptance if the terms of the offer are met in full. We reserve the right to modify entry requirements that were correct at the time of going to print (January 2020). For the latest information on our entry requirements see the UCAS search tool at [www.ucas.com](http://www.ucas.com).

## Bachelor honours degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Accounting and Finance	N400	120-96	BBB-CCC	DDMMM	30-26 points overall
Adventure Tourism Management	N870	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Agriculture	H21Y, D401	120-96 to include C in a relevant A level science subject or equivalent	BBB-CCC to include C in a relevant science subject	DDD-DDM with specified subject	30-26 points overall with 5 points in a relevant science subject at Higher Level
Agriculture with Animal Science	S3C8, D4D3	120-96 to include C in a relevant A level science subject or equivalent	BBB-CCC to include C in a relevant science subject	DDD-DDM with specified subject	30-26 points overall with 5 points in a relevant science subject at Higher Level
Agriculture with Business Management	D4N2, 4D12	120-96	BBB - CCC	DDD-DDM	30-26 points overall
Animal Behaviour	C120, C122	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Animal Science	D306, D307	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Art History	V350	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Artificial Intelligence and Robotics	GH76, GH7P	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Astudiaethau Celtaidd	Q501	120-96	BBB - CCC to include C in Welsh 1st or 2nd Language	DDM - MMM, plus C in A level Welsh 1st or 2nd Language	30-28 points overall plus a C in A Level Welsh 1st or 2nd Language
Astrophysics	F510	120-112 to include B in A level Physics and Maths	BBB-BBC to include B in Physics and Maths	DDM-DMM with specified subject and B in A level Maths	30-28 points overall with 5 points in Physics and Maths at Higher Level
Astrophysics (includes foundation year)	F512	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Biochemistry	C700, C701	120-104 to include B in A level Chemistry or equivalent	BBB-BCC to include B in Chemistry or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Chemistry at Higher Level
Biology	C100, C102	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Biology and Climate Change	FC71, FC72	120-104 to include a B in A level Biology or equivalent	BBB-BCC to include a B in Biology	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level.
Biology and Climate Change (with foundation year)	FC7F	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Business and Climate Change	FN71	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Business and Management	N122	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Business Economics	L113	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Business Finance	N310	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Business Information Technology	G500, G501	120-96	BBB-BCC	DDM-MMM	30-26 points overall
Business Information Technology (includes foundation year)	G50F	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Business Law	M140	128-104	ABB-BCC	DDM-MMM	30-28 points overall
Celtic Studies	Q500	120-96 with evidence of linguistic ability	BBB-CCC with evidence of linguistic ability	DDM-DMM with evidence of linguistic ability	30-26 points overall with evidence of linguistic ability
Childhood Studies	X320	112-96	BBC-CCC	DDM-MMM	30-26 points overall
Computer Graphics, Vision and Games	G450, G451	120-96	BBB-CCC	DDM-MMM	30-26 points overall



## Bachelor honours degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Computer Science	G400, G401	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Computer Science (includes foundation year)	G40F	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Computer Science and Artificial Intelligence	GG4R, GG47	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Computer and Information Sciences	P190	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Creative Arts	WW48	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Creative Writing	W801	120-96	BBB-CCC	DDM-DMM	30-26 points overall
Criminal Law	M131	128-104	ABB-BCC	DDM-MMM	30-28 points overall
Criminology	M900	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Criminology with Criminal Psychology	M9C6	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Cultural Heritage Studies	V700	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Cymraeg (i fyfyrwr iaith gyntaf ac ail iaith)	Q560	120-96 to include C in A level Welsh 1st or 2nd Language	BBB-CCC to include C in Welsh 1st or 2nd Language	DDM-MMM plus C in A level Welsh 1st or 2nd Language	30-26 points overall plus C in A level Welsh 1st or 2nd Language
Cymraeg y Gweithle Proffesiynol / Busnes a Rheolaeth	QN51	120-96 to include a C in A level Welsh 1st or 2nd Language	BBB-CCC to include C in Welsh 1st or 2nd Language	DDM-MMM plus C in A level Welsh 1st or 2nd Language	30-26 points overall plus C in A level Welsh 1st or 2nd Language
Cymraeg y Gweithle Proffesiynol / Cyfrifeg a Chyllid	QN54	120-96 to include a C in A level Welsh 1st or 2nd Language	BBB-CCC to include C in Welsh 1st or 2nd Language	DDM-MMM plus C in A level Welsh 1st or 2nd Language	30-26 points overall plus C in A level Welsh 1st or 2nd Language
Cymraeg ar leithoedd Celtaidd	Q562	120-96 to include C in A level Welsh 1st or 2nd Language	BBB-CCC to include C in Welsh 1st or 2nd Language	DDM-MMM plus C in A level Welsh 1st or 2nd Language	30-26 points overall plus C in A level Welsh 1st or 2nd Language
Cymraeg Proffesiynol	Q5P0	120-104 to include B in A level Welsh 1st Language	BBB-BCC to include B in Welsh 1st Language	DDM-DMM plus B in A level Welsh 1st Language	30-28 points plus B in A level Welsh 1st Language
Data Science	7G73, 7G74	120-104 to include B in A level Maths	BBB-BCC to include B in Maths	DDM-DMM plus B in A level Maths	30-28 points with 5 points in Maths at higher level
Digital Marketing*	N590	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Drama and Theatre Studies	W400	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Ecology	C180, C181	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM	30-28 points overall with 5 points in Biology at Higher Level
Economics	L100	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Education	X302	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Engineering Physics (BEng)	179H, 179G	120-112 to include B in A level Physics and Maths	BBB-BCC to include B in Physics and Maths	DDM-DMM with specified subject and B in A level Maths	30-28 points overall with 5 points in Physics and Maths at Higher Level
English Literature	Q300	120-96	BBB-CCC	DDM-DMM	30-26 points overall
English Literature and Creative Writing	QW38	120-96	BBB-CCC	DDM-DMM	30-26 points overall
English Studies and Climate Change	FQ73	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Environmental Earth Science	F640	120-96 to include C in any A level science subject	BBB-CCC to include C in any science subject	DDM-MMM with specified subject	30-26 points overall with 5 points in a science subject at Higher Level
Environmental Science	F750	120-96 to include C in any A level science subject	BBB-CCC to include C in any A level science subject	DDM-MMM with specified subject	30-26 points overall with 5 points in a science subject at Higher Level
Equine and Veterinary Bioscience	D334, D335	128-104 to include B in A level Biology/Human Biology or equivalent	ABB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with a specified subject	30-28 points overall with 5 points in Biology at Higher Level
Economics and Climate Change	FL71	120-96	BBB-CCC	DDM-MMM	30-26 points overall

## Bachelor honours degrees - typical offers

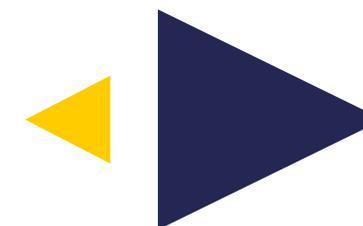
Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Equine Science	D322, D323	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with a specified subject	30-28 points overall with 5 points in Biology at Higher Level
Equine Studies (Top-Up)	D325	Must pass a Foundation Degree in an appropriate subject area with an overall grade of Merit or above.			
European Law	M120	128-104	ABB-BCC	DDM-DMM	30-28 points overall
Film and Television Studies	W620	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Film-making	P301	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Financial Mathematics	G1N3	120-104 to include B in A level Maths	BBB-BCC to include B in Maths	DDM-DMM with B in A level Maths	30-28 points overall with 5 points in Maths at Higher Level
Fine Art	W100	120-104 to include B in A level Art plus satisfactory portfolio	BBB-BCC with B in Art plus satisfactory portfolio	DDM-DMM plus satisfactory portfolio	30-28 points overall with Art or appropriate at Higher Level plus satisfactory portfolio
French	R120	120-104 to include B in A level French unless to be studied as a beginner	BBB-BCC to include B in French unless to be studied as a beginner	DDM-DMM with specified subject	30-28 points overall with 5 points in French at Higher Level unless to be studied as a beginner
Genetics	C400, C401	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Genetics and Biochemistry	CC47, CC48	120-104 to include B in A level Chemistry or equivalent	BBB-BCC to include B in Chemistry or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Chemistry at Higher Level
Geography	F800, F801, F802, F803.	120-96	BBB-CCC	DDM-MMM	30-26 points overall
History	V100, V102	120-96	BBB-CCC	DDM-MMM	30-26 points overall
History and Welsh History	VVC2	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Human Biology and Health	C194, C195	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Human Geography	L700, L703, L704	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Human Rights	M990	128-104	ABB-BCC	DDM-DMM	30-28 points overall
Information Studies and Media	PP13	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Information Management	P117	120-96	BBB-CCC	DDM-MMM	30-26 points overall
International Politics and Climate Change	FL72, FL73	120-96	BBB-CCC	DDM-MMM	30-26 points overall
International Politics	L241	120-96	BBB-CCC	DDM-MMM	30-26 points overall
International Politics and Military History	LV2H	120-96	BBB-CCC	DDM-MMM	30-26 points overall
International Politics and Global Development	LL31	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Law	M100, M103	128-104	ABB-BCC	DDM-DMM	30-28 points overall
Senior Status Law	M104	Class 2:1 in a first degree in any subject			
Life Sciences (includes foundation year)	C990	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Marine and Freshwater Biology	C164, C166	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM	30-28 points overall with 5 points in Biology at Higher Level
Marketing	N500	120-96	BBB-CCC	DDM-MMM	30-26 points overall

## Bachelor honours degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Mathematical and Theoretical Physics	F340	120-112 to include B in A level Maths and Physics	BBB-BBC to include B in Maths and Physics	DDM-DMM with specified subject and B in A level Maths and Physics	30-28 points overall with 5 points in Physics and Maths at Higher Level
Mathematics	G100	120-104 to include B in A level Maths	BBC-BCC to include B in Maths	DDM-DMM plus B in A level Maths	30-28 points overall with 5 points in Maths at Higher Level
Mathematics (includes foundation year)	G10F	Available to those who are studying for, or have completed Level 3 qualifications (eg, A Levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Media and Communication Studies	P300	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Medieval and Early Modern History	V190	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Microbiology	C500, C502	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM	30-28 points overall with 5 points in Biology at Higher Level
Modern and Contemporary History	V191	120-96	BBC-CCC	DDM-MMM	30-26 points overall
Modern Languages	R990	120-104 to include B in a relevant A level language unless to be studied as a beginner	BBB-BCC to include B in a relevant language unless to be studied as a beginner	DDM-DMM with specified subjects and to include B in a relevant language at A level unless to be studied as a beginner	30-28 points overall with 5 points in a relevant language at Higher Level unless to be studied as a beginner
Photography	WW66, WW68, WQ63, WV63.	120-96 plus satisfactory portfolio	BBB-CCC plus satisfactory portfolio	DDM-MMM plus satisfactory portfolio	30-26 points overall plus satisfactory portfolio
Physical Geography	F840, F845, F846.	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Physics	F300, F304.	120-112 to include B in A level Physics and Maths	BBB-BBC to include B in Physics and Maths	DDM-DMM with specified subject and B in A level Maths and Physics	30-28 points overall with 5 points in Physics and Maths at Higher Level
Physics (includes foundation year)	F301	Available to those who are studying for, or have completed Level 3 qualifications (eg, A levels or BTEC) and to mature-aged candidates without formal qualifications who have suitable background education, experience and motivation.			
Physics with Planetary and Space Physics	F364	120-112 to include B in A level Physics and Maths	BBB-BCC to include B in Physics and Maths	DDM-DMM with specified subject and B in A level Maths and Physics	30-28 points overall with 5 points in Physics and Maths at Higher Level
Plant Biology	C200, C202.	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject.	30-28 points overall with 5 points in Biology at Higher Level
Politics	L203	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Politics and Modern History	V135	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Psychology	C800, N1WF, W7F7.	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Psychology and Criminology	A1C6, CM89.	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Psychology and Education	CX80	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Psychology with Counselling	C843	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Robotics and Embedded Systems Engineering (BEng)	I32A, I32B	120-104 to include B in A level Maths	BBB-BCC to include B in Maths	DDM-DMM with specified subject.	30-28 points overall, with 5 points in Maths.
Scenography and Theatre Design	W460	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Sociology	L300	120-96	BBB-CCC	DDM-MMM	30-26 points overall

## Bachelor honours degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Software Engineering (BEng) (with integrated year in industry)	G600	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Space Science and Robotics	FH56	120-112 to include B in A level Maths and Physics/Computer Science	BBB-BBC to include B in Maths and Physics/Computer Science	DDM-DMM with specified subject and B in A level in Maths and Physics/Computer Science	30-28 points overall with 5 points in Physics and Maths at Higher Level
Spanish and Latin American Studies	R401	120-104 to include B in A level Spanish unless to be studied as a beginner	BBB-BCC to include B in Spanish unless to be studied as a beginner	DDM-DMM with specified subject	30-28 points overall with 5 points in Spanish at Higher Level unless to be studied as a beginner
Sport and Exercise Science	C600, C602	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Strategy, Intelligence and Security	L252	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Tourism Management	N800	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Veterinary Biosciences	D906, D907	128-104 to include B in A level Biology/Human Biology	ABB-BCC to include B in Biology/Human Biology	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Web Development	H602, H603	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Welsh (for Beginners)	Q522	120-104 to include evidence of linguistic ability	BBB-BCC to include evidence of linguistic ability	DDM-DMM with evidence of linguistic ability	30-28 points overall with evidence of linguistic ability
Wildlife Conservation	C183, C184	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level
Writing for Broadcasting, Media and Performance	P302	120-96	BBB-CCC	DDM-MMM	30-26 points overall
Zoology	C300, C302	120-104 to include B in A level Biology/Human Biology or equivalent	BBB-BCC to include B in Biology/Human Biology or equivalent	DDM-DMM with specified subject	30-28 points overall with 5 points in Biology at Higher Level



## Integrated Masters degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Agriculture	D404	128-120 to include B in a relevant A level science or equivalent	ABB-BBB to include B in a relevant A level science or equivalent	D*D*D-DD in a relevant subject	32-30 points overall with 6 points in a relevant science subject at Higher Level
Agriculture with Animal Science	D4D4	128-120 to include B in a relevant A level science or equivalent	ABB-BBB to include B in a relevant A level science or equivalent	D*D*D-DD in a relevant subject	32-30 points overall with 6 points in a relevant science subject at Higher Level
Astrophysics (MPhys)	F511	128-120 to include B in A level Maths and Physics	ABB-BBB to include B in Maths and Physics	DDM-DMM with specified subject and B in A level Maths	32-30 points overall with 6 points in Physics and Maths at Higher Level
Biochemistry (MBiol)	C709	128-120 to include B in A level Chemistry and Biology/Human Biology	ABB-BBB to include B in Chemistry and Biology/Human Biology	BTEC not accepted	32-30 points overall with 6 points in Chemistry and Biology at Higher Level
Biology (MBiol)	C109	128-120 to include B in A level Biology/Human Biology	ABB-BBB to include B in Biology/Human Biology	BTEC not accepted	32-30 points overall with 6 points in Biology at Higher Level
Computer Science (MComp)	G409, G419	144-136	AAA-AAB	DDD-DDM	34-32 points overall
Engineering Physics (MEng) (with integrated year in industry)	168F	128-120 to include B in A level Maths and Physics	ABB-BBB to include B in Maths and Physics	DDM-DMM with specified subject and B in A level Maths and B in Physics	32-30 points overall with 6 points in Physics and Maths at Higher Level
Marine and Freshwater Biology	C169	128-120 to include B in A level Biology/Human Biology	ABB-BBB to include B in Biology/Human Biology	BTEC not accepted	32-30 points overall with 6 points in Biology at Higher Level
Mathematical and Theoretical Physics (MMath)	F341	144-128 to include A in Maths and B in Physics at A level	AAA-ABB to include A in Maths and B in Physics	DDD-DDM with specified subject to include A in Maths and B in Physics A level	34-32 points overall with 6 points in Physics and Maths at Higher Level
Mathematics (MMath)	G103	144-128 to include A in A level Maths	AAA-ABB to include A in Maths	DDD-DDM with specified subject and A in A level Maths	34-32 points overall with 6 points in Maths at Higher Level
Microbiology (MBiol)	C509	128-120 to include B in A level Biology/Human Biology	ABB-BBB to include B in Biology/Human Biology	BTEC not accepted	32-30 points overall with 6 points in Biology at Higher Level
Physics (MPhys)	F303, F305	120-128 to include B in A level Maths and Physics	BBB-ABB to include B in Maths and Physics	DMM-DDM with specified subject and B in A level Maths	30-32 points overall with 6 points in Physics and Maths at Higher Level
Physics with Planetary and Space Physics (MPhys)	F366	120-128 to include B in A level Maths and Physics	BBB-ABB to include B in Maths and Physics	DMM-DDM with specified subject and B in A level Maths	30-32 points overall with 6 points in Physics and Maths at Higher Level
Robotics and Embedded Systems Engineering (MEng)	132C, 132D	144-136 to include B in A level Physics and A in Maths	AAA-AAB to include B in Physics and A in Maths	DDD-DDM to include B in Physics and A in Maths at A Level	34-32 points overall with 6 in Maths and Physics at Higher Level.
Software Engineering (MEng) (with integrated year in industry)	G601	144-136	AAA-AAB	DDD-DDM	34-32 points overall
Space Science and Robotics (MPhys)	FH5P	128-120 to include B in A level Maths and Physics/Computer Science	ABB-BBB to include B in Maths and Physics/Computer Science	DDM-DMM with specified subject and B in A level Maths	32-30 points overall with 6 points in Physics and Maths at Higher Level
Zoology (MBiol)	C309	128-120 to include B in A level Biology/Human Biology	ABB-BBB to include B in Biology/Human Biology	BTEC not accepted	32-30 points overall with 6 points in Biology at Higher Level

## Foundation degrees - typical offers

Degree scheme	UCAS code	UCAS Tariff	A level	BTEC Extended Diploma	International Baccalaureate
Agriculture	D402, D403	96-72	CCC-DDD	MMM-MMP	26 points overall
Equine Studies	D324	96-72	CCC-DDD	MMM-MMP	26 points overall



# The UCAS tariff

Our offers are typically expressed using a tariff score. There are lots of qualifications that are included in the UCAS tariff. Here are just a few examples:

A Levels	Tariff
A*	56
A	48
B	40
C	32
D	24
E	16

AS Levels	Tariff
A	20
B	16
C	12
D	10
E	6

EPQ	Tariff
A*	28
A	24
B	20
C	16
D	12
E	8

Welsh Baccalaureate Advanced Skills Challenge Certificate	Tariff
A*	56
A	48
B	40
C	32
D	24
E	16

Some of the many other qualifications that are listed in the UCAS tariff:

- Access to HE Diploma
- BTEC National Certificates and Diplomas
- CACHE Level 3
- Cambridge Pre-U Certificates
- Cambridge Technicals
- City & Guilds Certificates and Diplomas
- Scottish Advanced Highers

BTEC Level 3 National Extended Diploma	Tariff
D*D*D*	168
D*D*D	160
D*DD	152
DDD	144
DDM	128
DMM	112
MMM	96
MMP	80
MPP	64
PPP	48

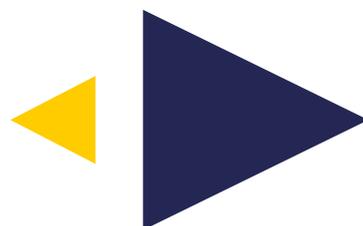
For a full list of qualifications included in the UCAS tariff and to see what they are worth, use the Tariff Calculator:  
[www.ucas.com/ucas/tariff-calculator](http://www.ucas.com/ucas/tariff-calculator)

Studying a qualification that isn't on the tariff? Don't worry!

Contact our Undergraduate Admission Team with details of what you're studying and they'll be happy to provide further advice.

☎ +44 (0) 1970 622021

@ ug-admissions@aber.ac.uk



# Additional fees and charges

The academic provision of the University includes certain elements of study away from Aberystwyth.

These involve activities such as field courses in biological, geographical, environmental science subjects, visits to theatres, galleries and museums in humanities-based subjects. The additional costs of such opportunities are not included in the overall University fee. If you are intending to study one of these subjects you should therefore note the need to budget for these events. Fuller details will be available from the department organising the event.

These costs are given as an indication of the likely cost. Costs will vary as will the location and duration of the study programme. Details of the courses that have additional charges are included below:

## Computer Science

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
All degrees within the Department	1 night	Gregynog, Mid Wales	Compulsory for second year students doing an industrial year	£50

## Education and Childhood Studies

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
<b>ED20620</b> Working with children	Approx. 50 hours	Educational setting in student's home location	Observation	£40 (for a DBS check, only if not done in Year 1)
<b>ED13820</b> The learner and the learning environment	Approx. 40 hours	Educational setting in student's home location	Observation	£40 (for a DBS check)
<b>AD/ED 30120</b> Critically Reflecting and Evaluating learning and skills		Development of game: materials required		£10
<b>ED11320</b> Young Children Learning	Approx 3 days	Pre-school setting in Aberystwyth or student's home location	Observation	£40 (for a CRB check)

## Geography and Earth Sciences

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Geography degree schemes (all degrees)				
All first years	Two 1-day trips	UK based	Geography induction field trips	Daily expenses only
<i>Single Honours and Major students all participate in a second year residential field trip, selected from the options below (or equivalents). The fieldwork module is optional for Joint Honours students</i>				
<b>Option 1:</b> Available for all Geography schemes	1 week	UK based	Second year field trip	Daily expenses only
<b>Option 2:</b> Available for BA Human Geography/BSc Geography	1 week	Berlin (or equivalent)	Second year residential field trip	£250 and travel* and daily expenses
<b>Option 3:</b> Available for BSc Physical Geography / BSc Geography	1 week	Crete (or equivalent)	Second year residential field trip	£250 and daily expenses
<i>In addition to field courses, students may incur additional costs for the following modules:</i>				
<b>GG34040/DA34040</b> Geography Dissertation (Compulsory for L700, F800, F801 and F840 students)	-	-	Dissertation. Students are responsible for travel, materials and other costs involved in Dissertation research. Limited support is available through DGES Travel Awards competitions.	Variable
<b>GG34220</b> Geography Major / Joint Honours Project (Compulsory for Major and Joint Honours students)	-	-	Project. Students are responsible for travel, materials and other costs involved in project research. Limited support is available through DGES Travel Awards competitions.	Variable

## Geography and Earth Sciences (continued)

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Environmental Earth Science (F640)				
<i>Environmental Earth Science students participate in residential field trips in each of the three years of their degree as follows (subject to change):</i>				
Environmental Earth Science	1 week	North Wales	First year residential field trip	Daily expenses only
Environmental Earth Science	1 week	South West England	Second year residential field trip	Daily expenses only
Environmental Earth Science	1 week	Ireland	Final year residential field trip	Up to £300
<i>In addition to field courses, students may incur additional costs for the following modules:</i>				
<b>GS35140</b> Independent Project for Environmental Earth Science (Compulsory for F640 students)	-	-	Dissertation. Students are responsible for travel, materials and other costs involved in Dissertation research. Limited support is available through DGES Travel Awards competitions.	Variable
Environmental Science (F750)				
Environmental Earth Science	1 week	UK	Second year fieldtrip	Daily expenses only
Optional for third years	Variable	UK/Europe	Third year optional field trips including Marine & Freshwater field course - see below	Variable
<b>GS35140</b> (Compulsory for F750 students)	-	-	Dissertation. Students are responsible for travel, materials and other costs involved in Dissertation research. Limited support is available through the DGES Travel Awards competition.	Variable
Sociology (L300)				
Sociology	1 week	Berlin (or equivalent)	Second year residential field trip	£250 and travel* and daily expenses

\*Students participating in the Berlin field trip are responsible for booking their own flights.

## History and Welsh History

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
<b>HA35130</b>	1 day	Hereford	Visit to cathedral	Daily expenses only
<b>HQ34330</b>	1 day	Worcester	Visit to cathedral and medieval library	Daily expenses only
<b>HY29620/HY39620</b> Germany since 1945	4 nights	Germany	Field trip to Berlin	£250*
Available for students on all History degree schemes	2 nights	Gregynog, Mid Wales	Modern History Colloquium	Daily expenses only
Available for students on all History degree schemes	2 nights	Gregynog, Mid Wales	Medieval History Colloquium	Daily expenses only
Available for students on all History degree schemes	1 night	Gregynog, Mid Wales	Eighteenth Century Colloquium	Daily expenses only
Available for students on all History degree schemes	2 nights	Gregynog, Mid Wales	Welsh History Colloquium	Daily expenses only

\*Departmental subsidy may be available. \*\*Not including travel.

## Institute of Biological, Environmental and Rural Sciences

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
<b>BR14210</b> Equine Study Tour	5-7 days	Ireland or SE England	Study tour	£100
<b>BR33620</b> Terrestrial Ecology Field Course	8 days	Burren, Co. Clare, Ireland	Residential field course	£90 + travel
<b>BR34920</b> Animal Behaviour Field Course	8 days	Devon	Residential field course	£140 + travel
<b>BR35020</b> Marine and Freshwater Field Course	11 days	Faro, Portugal; and Loch Lomond, Scotland	Residential field course	£160 + travel
<b>BR36220</b> Conservation Genetics and Evolution Field Course	1 week	Pembrokeshire	Residential field course	£110 + travel
<b>BR23620</b> Arctic Ecology Field Course	9-10 days	Abisko, Sweden, Lapland	Residential field course	£550 - £650 (including travel, food and camping costs)
<b>BR23820</b> Tropical Zoology Field Course	2 weeks	Peru, South America	Residential field course	£1400-£1650 (includes flights, full board accommodation and transfer)
<b>BR30120</b> Tropical Rainforest Ecology and Conservation (Trec) Field Course	3-4 weeks	Borneo	1 week teaching in IBERS and then 2 or 3 weeks residential field course in Sabah, Borneo (depending on activities chosen).	£1300 - £1600 (paid in instalments, cost depends on activities students wish to participate in while on the trip)

## Mathematics

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
All students			Purchase of specified calculator	£15
MT39020 Cyflwyniad i Addysgu Mathemateg mewn Ysgol Uwchradd (optional for Welsh-medium students only)	10 days	Local secondary school	Work placement	Daily expenses only

## School of Art

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Students undertaking Art Practice Modules	-	Aberystwyth	Purchase of art materials	Variable depending on subject area (e.g. painting, printmaking, photography or illustration)
Students undertaking Art History and/or Art Practice modules	-	England and Wales	Field trips associated with modules	Daily expenses only
All students, optional	5 days	European city destination	Study visit	Variable £350-£400 (Subject to student demand)

## Aberystwyth Business School

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
All students			Purchase of specified calculator	£15
MM19120 Tourism in Practice	3 days	North Wales	Study tour	£65
MM39220 International Tourism in Practice	1 week	Malta	Study tour	£300
N800, N870	3 days	Berlin, Germany	Study Tour	£180
MM38000/20 Employability Skills for Professionals	-	-	Some students will be required to pay for a DBS certificate	£40

## Department of Law and Criminology

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
LA36600/20 Employability Skills for Professionals CR32420 Criminal Justice placement TR32420 Criminology work experience location	-	-	Some students will be required to pay for a DBS Certificate	£40

## Theatre, Film and Television Studies

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Students studying Drama, Theatre or Scenography	-	Aberystwyth	Theatre Passport for a set of performances at the Arts Centre	£65
Students studying Drama, Theatre or Scenography	-	Aberystwyth / UK	Students are encouraged to see additional performances and this may incur a small additional cost	Variable
Film and Media students	-	Wales	Industry field trips	Daily expenses only
Scenography and Theatre Design students	-	Aberystwyth	Materials for workshop	£25

## Cymraeg/Welsh

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Welsh for Beginners (Q522)	4 weeks	Aberystwyth	Intensive Welsh Course	£335 (Non-Resident) £815-£945 (Residential)
Celtic Studies/Irish/Welsh and the Celtic Languages	2 weeks	Ireland/Brittany	Irish or Breton language course	£400-500

# FAQs

Here are some answers to the most frequently asked questions. Please feel free to contact us with any other questions that you may have – our friendly staff are always on hand to help.

### I haven't any formal qualifications. Can I still apply?

Applicants without formal qualifications will be expected to demonstrate strong motivation, ability and, for certain courses, evidence of a relevant background. In some cases an interview may be offered as part of the admissions process. For further advice and guidance, please contact the relevant academic department.

### How do I work out how many UCAS points I have?

There are lots of qualifications that are included in the UCAS Tariff. The number of points you get will usually depend on the grades you achieve. You can find out the points value of your qualification by using the UCAS Tariff Calculator: [www.ucas.com/ucas/tariff-calculator](http://www.ucas.com/ucas/tariff-calculator). See also page 276, and you're also welcome to contact us.

### I am not taking A levels or any of the school-leaving qualifications shown in the typical offers / entry requirement sections – does this mean I am not eligible to apply to Aberystwyth?

No, not at all, we welcome many qualifications! Aberystwyth University operates an inclusive admissions policy which values breadth as well as depth of study and allows candidates to use all qualifications at an acceptable level towards meeting the terms of their offer. We recognise the individual nature of each application, and the standard offers published in this prospectus, and on UCAS and our own search tools, should be viewed only as a guide. We frame every offer so that it is appropriate for the applicant and the qualifications that they are taking.

### What is the difference between a BSc and a BA?

BSc stands for Bachelor of Science, and BA for Bachelor of Arts. Both are of equal status, but the BSc involves the study of scientific subjects, whereas the BA students study social sciences and the arts.

### What are the benefits of the modular system?

The major benefit is that the work expected of you is clearly structured and focused. Assessment in most modules at the end of the semester means that you are assessed at the time when the information is at your fingertips rather than having to revise work taken over a year previously for an examination. The system also allows you, where possible, to choose from an extensive range of optional or elective modules. This

allows you to decide which subjects best suit your interests and requirements. Advice is always available to help you to construct a degree course which builds up in a structured way to graduation. Full details of all modules are available on our website.

### When will I be able to choose my modules?

You will choose your Part 1 modules when you have had an opportunity to discuss your interests with your tutors at registration.

### What help will I have?

Our academic staff are responsible for ensuring that you have the opportunity to progress satisfactorily. In most disciplines, lectures are used to convey information and to arouse enthusiasm. Guidance in solving particular problems and detailed study of specific texts and topics is given in practical sessions and in seminars. Tutorials are used in some courses to give you individual attention. The seminars and tutorials provide you with an opportunity to ensure that all your questions receive a clear explanation.

### Will I have help with study skills?

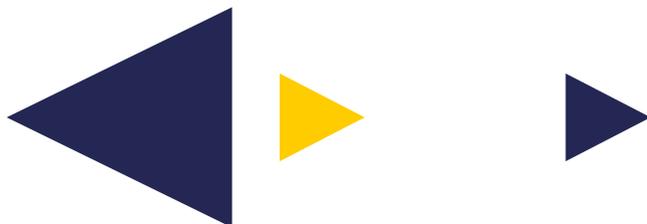
The International English Centre provides a range of opportunities to enable you to develop your learning skills. These include tackling topics such as organising information, clear and precise writing for essays, reports, dissertations, critical reading, efficient note-taking and effective revision techniques. Expertise is also available to support students with additional needs and the Centre operates a comprehensive service to help students with dyslexia and other learning difficulties. The International English Centre also offers courses to help students, whose first language is not English, to reach the standard of language required to study a degree course here. More information is available online: [www.aber.ac.uk/en/international-english](http://www.aber.ac.uk/en/international-english)

### How does studying at university differ from being taught in school?

At Aberystwyth, you will be taught through a combination of lectures, seminars, and tutorials. In a lecture you will join other students on your course in a lecture theatre to listen to the lecturer speaking and make your own notes. Following lectures, seminars and tutorials are held, where you and much smaller groups of students from your course will meet with the lecturer in a more informal situation to discuss the information and ideas presented in the lecture. Seminars and tutorials give you the opportunity to ask questions, discuss anything you feel you have not understood from the lecture and put forward your own ideas and thoughts on the subject.

### What is a dissertation and will I have to do one?

In your third year you will usually write the dissertation which is a 10,000 word essay. Although it seems daunting, when you come to write it, you will have planned, prepared and read so much that you will be more than capable of putting it together. For the dissertation you are also assigned a personal tutor who guides and advises you throughout the process.



# Visiting Aber

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 to you, will make your visit worthwhile.

## How to get here...

### By Rail

The railway station is in the centre of Aberystwyth. The main service is via Shrewsbury, with services available from Birmingham International directly through to Aberystwyth. There is a frequent bus service from the station to campus, and there is a taxi rank next to the station.

### By Car

The University is located alongside the main A487 north to south Wales trunk road. It's just over a two-hour drive from North or South Wales, Birmingham and the West Midlands and London.

### By Coach

Regular bus services operate from the University campus to North and South Wales and the Midlands.

### Places to stay overnight

During the academic year and the vacation period, the University has a number of accommodation options at a reasonable price. For further information please contact the Conference Office on 01970 621960, or e-mail [conferences@aber.ac.uk](mailto:conferences@aber.ac.uk)

## Student Recruitment Team

### We can come to you

Our Student Recruitment Team is closely involved with advising students, teachers and careers staff, as well as parents, on all aspects of applying to and studying in higher education. The team travels extensively throughout the UK offering a variety of free services to schools and colleges, including:

- impartial advice and guidance on all aspects of higher education
- a broad range of presentations (e.g. researching and applying to university, student finance, and student life)
- mock interview sessions
- attendance at school career events and national UCAS exhibitions
- arranging subject-specific talks from the University's academic departments

### Try it for yourself

You can experience a taste of university life at Aberystwyth for yourself, by attending our popular day and residential programmes. During your time here we tailor a programme of activities that gives you the opportunity to experience academic, social and sporting life; introduce you to our state-of-the-art facilities; and tour our main campus and facilities. If you want to try university life for yourself, please contact us.

We also offer the Aberystwyth Welsh Baccalaureate Experience, where schools and colleges from Wales can take advantage of our facilities and expertise, through workshops focusing on the Individual Project. This is a collaborative project with the National Assembly for Wales and the National Library of Wales. For more information contact our Student Recruitment Team.

If you'd like us to come to your school/college or if you'd like to arrange a visit, please contact our friendly and helpful team who will be happy to advise you.

- ☎ 01970 622065
- @ [student-recruitment@aber.ac.uk](mailto:student-recruitment@aber.ac.uk)
- 🌐 [www.aber.ac.uk/en/undergrad/schools](http://www.aber.ac.uk/en/undergrad/schools)

### Widening Participation Team

The University works in partnership with the community, schools and colleges to raise aspirations and deliver curriculum enhancement such as the Royal Society of Chemistry Spectroscopy in a Suitcase (SIAS). Your Choice Your Future and a number of annual events such as British Science Week, Salters Chemistry Festival and the Mid Wales Maths Challenge. We also have a long-standing commitment to working with students from a care background throughout the UK.

The University runs two residential courses - a free bi-annual "Options Explorer" programme for year 10 pupils from Wales during the Easter vacation and the Aberystwyth Summer University for year 12/13 pupils and some mature entrants, from those taking Widening Access backgrounds, care-leavers, and 'non-traditional' routes in to higher education. The Summer University is a residential two week programme to prepare students for higher education, with a progression route into the University, for those not yet reaching their full potential for a variety of reasons. This programme includes mentoring and support prior to and on entry. For further information please contact the Widening Participation Team who would be more than happy to help you.

- ☎ 01970 621890
- @ [wideningparticipation@aber.ac.uk](mailto:wideningparticipation@aber.ac.uk)
- 🌐 [www.aber.ac.uk/wp](http://www.aber.ac.uk/wp)

## Open Days

**The major opportunities for you to visit are our Open Days. Book your place online now.**

You will be invited to attend one of our Visiting Days if your application is successful. You can also make private arrangements to visit one of our academic departments.

### Online Open Days

Experience Aberystwyth University without the travel by joining our Online Open Days. These are a perfect way to get your first taste of Aberystwyth or as an extra opportunity to ask questions if you've visited us before. You can watch a wide range of presentations from our staff, chat to staff through instant chat, watch campus and accommodation tours and much more.

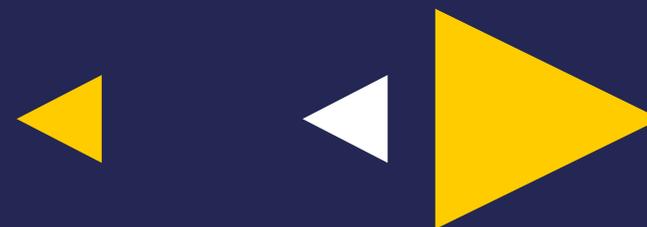
- 🌐 [www.aber.ac.uk/opendays](http://www.aber.ac.uk/opendays)



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\*Subject to approval.



## 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 Academic Registry, Undergraduate 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](http://www.aber.ac.uk)) for more up-to-date information in respect of course content, accreditation and entry requirements for the relevant academic year when considering applying to the University.

Any student who has outstanding tuition fees shall not be awarded any degree, diploma, certificate or qualification from the University until the debt is cleared. Such students shall be prevented from re-enrolling at the institution and from using any of the University's facilities.

Please note that Aberystwyth University reserves the right to modify entry requirements that were correct at the time of the undergraduate prospectus going to print (January 2020).

\*Statistics labelled as HESA 2018 in this document are our employability figures. These are taken from the Destination of Leavers in Higher Education 2016-17 survey published by Higher Education Statistics Agency (HESA) in June 2018. [www.aber.ac.uk/en/why-aber/facts-and-figures/employability](http://www.aber.ac.uk/en/why-aber/facts-and-figures/employability)

All statistics labelled as being from the NSS 2019 in this prospectus are statistics gathered from the National Student Survey (NSS) 2019. The widely recognised authoritative survey gathers opinions from students about their time in higher education asking them to provide honest feedback. For further information visit our website [www.aber.ac.uk/en/why-aber/facts-and-figures/satisfaction](http://www.aber.ac.uk/en/why-aber/facts-and-figures/satisfaction)

The information contained in this publication was correct at the time of going to print - January 2020.

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Aberystwyth University is a registered charity No 1145141.

# 2020 Open Days

Wednesday 8 July

Saturday 12 September

Saturday 10 October

Saturday 7 November

# 2020 Online Open Days

Tuesday 5 May

Wednesday 25 November

[www.aber.ac.uk/opendays](http://www.aber.ac.uk/opendays)

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