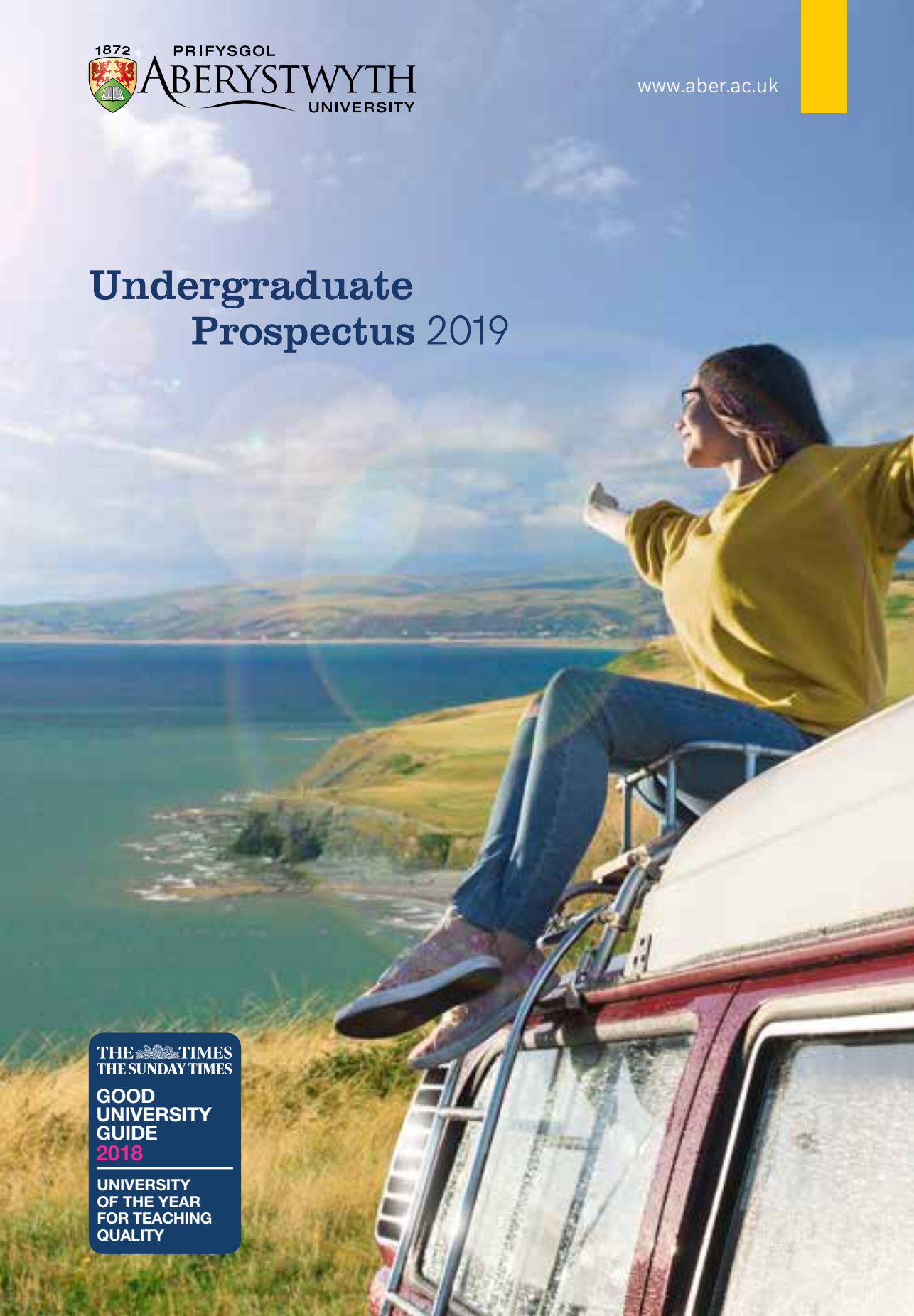


Undergraduate Prospectus 2019

THE  TIMES
THE SUNDAY TIMES

**GOOD
UNIVERSITY
GUIDE
2018**

UNIVERSITY
OF THE YEAR
FOR TEACHING
QUALITY



THE HORIZON IS CALLING

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Want to make the most
of this prospectus?

Download the Zappar app and scan
the codes that look like this one.
You'll discover more images,
as well as videos, web links and
useful contact details.

TOP 10

university of the year .

Whatuni Student
Choice Awards 2017

One of the UK's best
universities for overall
student satisfaction.

NSS 2017

95%

of our graduates were in
work or further study within
6 months after graduating

HESA 2017*
(see page 204)

THE TIMES
THE SUNDAY TIMES

GOOD
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GUIDE
2018

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OF THE YEAR
FOR TEACHING
QUALITY

WHATUNI?
STUDENT
CHOICE

Awards

2017
SECOND PLACE
INTERNATIONAL

WELCOME

to our undergraduate prospectus...



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 are not just another university. We're a pretty special place to study. Make the effort to come here and you'll be choosing a university known for its outstanding student experience. Our award as UK University of the Year for Teaching Quality (*The Times* and *Sunday Times 2018 Good University Guide 2018*) speaks volumes about the standard of the education we deliver. Ever since we were founded in 1872, we've been known for our innovative research and in recent years, we've been investing significantly to create learning and living environments that are fit for the 21st century.

What also sets us apart is where we are and what we stand for.

Rooted in our community, Aberystwyth is a university which reaches out to the wider world. 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 with a cosmopolitan Welsh culture. Once here, many of our students never want to leave. In fact, we have some of the most satisfied students in the whole of the UK (NSS 2017).

At Aberystwyth, you'll be part of a campus university with an active Students' Union and more than 150 clubs and societies. We have our own Sports Centre with a swimming pool, gym, climbing wall, wellbeing 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 to learn and live. 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 or rest.

Pore through 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 is the University for you and I look forward to seeing you in the future.

Professor Elizabeth Treasure
Vice-Chancellor

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OPEN DAYS:

Your next
chapter



Choosing a degree and where to study are some of the biggest decisions you will ever make. The best way to know if a university is right for you is to attend an Open Day. Aberystwyth University offers you the full experience. You can explore the University, have sample lectures, see where you may live and speak to tutors and students - all giving you a great idea of what it's like to study here.

Discover Aberystwyth.
Book your place online:

aber.ac.uk/opendays



Accommodation tours around
Fferm Penglais.

2018 Open Days

- | Tuesday 10 July
- | Saturday 15 September
- | Saturday 13 October
- | Saturday 10 November

Online Open Days

Experience Aberystwyth University without the travel by joining our Online Open Days. These are perfect for getting your first taste of Aberystwyth or as an extra opportunity to ask questions if you've visited us before.

- | Thursday 26 April
- | Wednesday 5 December

Find out more: www.aber.ac.uk/ood

We can come to you

- ☎ 01970 622065
- 🌐 www.aber.ac.uk/en/undergrad/schools
- @ schools-liaison@aber.ac.uk

Our Schools and Colleges Liaison Team are 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
- 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

If you'd like us to come to your school/college please contact our friendly and helpful team who will be able to advise you.

Aberystwyth is home to some of the most spectacular scenery and wildlife in the UK. On a sunny day in Aberystwyth, you can stroll along our promenade alongside our Blue Flag North Beach, or enjoy a barbecue on South Beach. However, Aberystwyth is not just a place with beautiful views; we are a welcoming, vibrant and diverse town in Mid-Wales where English, Welsh and an array of different languages are found in all aspects of life.

ABERYSTWYTH & AREA





Cyclists race past Monument Point in the Halfords Tour Series

Outdoor life

On our doorstep are wonderful locations such as Nant Yr Arian that provide great spots for wandering through woodland, trekking up hillsides or cycling down mountain bike trails (see page 10). Keen triathletes, surfers, kayakers, mountain climbers and more will never have to travel far to enjoy their passions.



Cader Idris



Nightlife

There is a variety of exciting events to suit all our students' interests. The Students' Union organizes events ranging from a Hypnotist to Bierkeller (beer festival). There are also events in venues around Aberystwyth including Open Mic Nights, UV Parties and Quiz Nights.



Café culture and food

We are home to a whole host of cafés and restaurants. Our cafés offer you the perfect cosy setting to sit back and relax with friends, or get a coffee to help you power through your university assignments. Our variety of restaurants offer an array of world cuisine, including Mediterranean, Indian, Chinese, Thai, Turkish, Greek, Italian, Spanish, Welsh and much more; giving you foodies the perfect opportunity to try something new.

Shopping

Our town has a variety of independent shops and markets, alongside the well known high street brands. Aberystwyth's twice monthly award-winning Farmers' Market is a great place to pick up local produce and there's also a range of supermarkets here.

TOP 10

things to do whilst
you're in
Aberystwyth

5. The National Library

Aberystwyth is home to one of only five copyright libraries in Britain entitled to receive a copy of every book published in the UK. As a student, you have free access to the National Library of Wales and its millions of books, journals, archives and so much more!



6. Nant yr Arian

Located a few miles outside Aberystwyth, Nant yr Arian is home to the first ever purpose-built mountain biking track in Wales. You can also enjoy the scenic walks or sit back and enjoy the views of Aberystwyth.



1. Watch the sunset

Aberystwyth is home to some of the most beautiful sunsets. Sit back and enjoy the sight of the sun disappearing behind the horizon.



9. Coastal walk to Borth

The exquisite and unspoilt scenery on the shores of Cardigan Bay boasts six Blue Flag beaches. Relish these views by taking a walk to Borth along the coastal path - you might even see a bottlenose dolphin offshore.



7. Rugby 7s

Aberystwyth is home to the biggest Rugby 7s tournament in Wales, run by the Students' Union. Anyone can take part in this action-packed weekend whether you're an experienced player or novice.



8. Watch a performance at the Arts Centre

Aberystwyth's Arts Centre has a wide range of entertainment to suit everyone, from comedy to dance and film to art - some of the biggest names appear here.



3. OneFest

One of the most popular nights out in Aberystwyth, it takes over the Students' Union, Concourse and Arts Centre to bring you funfair rides, silent discos and some live music entertainment.



2. Barbecue on South Beach

Have a barbecue on this Seaside Award winning vibrant beach. They're great for parties with your friends and toasting marshmallows whilst looking out at the glistening sea.

4. Vale of Rheidol Railway

Board the narrow gauge steam train and embark on a journey through the Rheidol Valley to the legendary village of Devil's Bridge. Discover parts of Aberystwyth and the surrounding area that are harder to find by foot and car.



10. Kick the bar and go up Consti

Take a walk along the promenade and kick the bar at the very end by Constitution Hill - a famous tradition here, reputedly for good luck, and some say to ward off the evil spirits! You can also go up Constitution Hill by boarding our electric funicular railway, which is the longest of its kind in Britain.



CAMPUS & COMMUNITY



Here at Aberystwyth, we want to provide you with great spaces not just for learning and study but also for sport and social activities. It's all part of our mission to provide you with an unforgettable student experience.





Student lounges

On Penglais Campus we have two buildings dedicated to relaxed studying, and some departments offer their own study areas. The Rosser Lounge and Pentre Jane Morgan Lounge are perfect for social study or studying in a more relaxed setting

Libraries

Aberystwyth University's libraries offer flexible study spaces to suit everyone's learning, including group and individual study rooms, well-equipped computer facilities, and a wealth of learning resources that will enable you to thrive in your studies. The Hugh Owen Library is open 24 hours during term-times. The libraries also hold several rare and special collections providing you with access to unique learning materials.



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.



Creative Aber



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 is a London West End show on tour, Abertoir (Horror Film Festival), Christmas Spectaculars or our annual food and craft fair.

The Arts Centre is the hub of culture at Aberystwyth. Its Theatre, Great Hall and Studio have hosted performances by nationally-recognised theatre and dance companies, like the National Theatre of Wales; comedy nights and events, including big names such as Sarah Millican, Jimmy Carr and Rhod Gilbert.

The Arts Centre cinema screens new releases, live screenings by theatre companies, including the Royal Shakespeare Company, art-house and foreign language films.

Recognised by the Arts Council of Wales as one of the major galleries in Wales, the Arts Centre is the principle regional contemporary art gallery for mid and west Wales. Combined with the School of Art's gallery our collection includes 'The Eye' which showcases artists' films and new media work, and the ceramics gallery, showing the best of contemporary ceramics.

The Music Centre

The Music Centre provides you with the opportunity to join our choir or orchestra, or to continue playing your particular instrument. Located in the Old College, our teaching and practice rooms hold numerous pianos, a two-manual electronic organ, harp, harpsichord and chamber organ, as well as percussion and other instruments. There is even a Music Scholarship available to students who are skilled orchestral instrumentalists.



ABER STUDENTS' UNION



☎ 01970 621 700

🌐 www.abersu.co.uk

@ union@aber.ac.uk

We want our students to love life and be ready for anything. We work to ensure that you'll have an epic journey, are happy, healthy and empowered, with lasting friendships and promising futures.

FREE

AberSU Membership

All students at Aberystwyth University are automatically a member of AberSU.

As your Students' Union we are committed to:

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

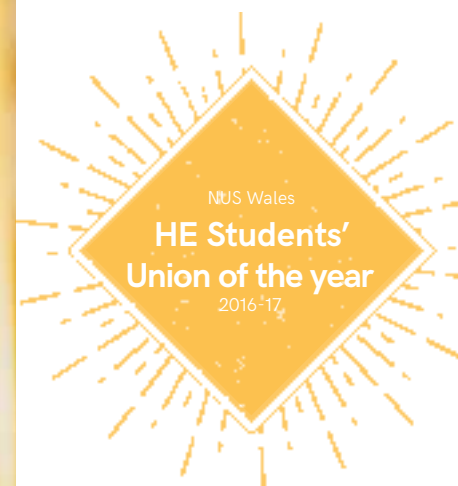
These commitments are fulfilled by providing you with a range of benefits and opportunities to get involved, including:

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

Whilst the University is our major funder, the Students' Union is an independent charity working purely for your benefit with a focus on membership activities and student development.

Undeb Myfyrwyr Cymraeg Aberystwyth

UMCA was established to safeguard the rights and interests of Welsh language students at the University and to campaign on their behalf. It represents its members socially, linguistically and educationally. UMCA is home to many Welsh societies some of which offer you the chance to sing, recite, dance, play sports and be part of a lively community. UMCA also provides Welsh lessons to those who wish to learn the language free of charge.



Cheerleading



TOP PICKS

of sports and societies:

Clubs and societies

The Students' Union is home to Team Aber, which offers a range of competitive and non-competitive sport clubs for all abilities. There is even a Sports Week before Welcome Week to give you the chance to start at uni early and try out some of the sports on offer. As well this they support over 100 academic, international, recreational, cultural and faith, arts and shared interest societies, so everyone can find a new or existing hobby that interests them. You can even set up your own club or society if it doesn't exist yet!



Rugby Union



Nomadic Players Theatre Society



Fencing



Medieval Re-enactment Society

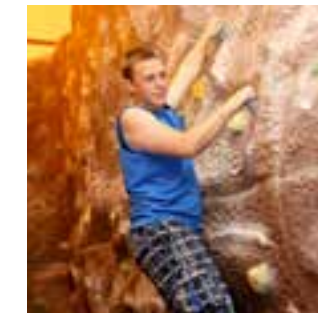
Sports Centre

The Sports Centre offers a range of equipment and facilities to support your wellbeing. From the basics, including gym, treadmills and a swimming pool, to the extras, including a female only weight room and sauna. If you don't fancy exercising on your own you could always join one of the wide range of classes at the Sports Centre. All of these will be free to you with the use of your Platinum membership that you'll receive if you live in one of our halls of residence!



Check this website out for more details:

 www.aber.ac.uk/sportscentre



ACCOMMODATION



At Aberystwyth, we're proud of the vibrant community that our students experience within our residences. 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.

☎ 01970 622984

🌐 www.aber.ac.uk/en/accommodation

@ accommodation@aber.ac.uk

📍 Aberystwyth University Accommodation Office



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.

Live with us – stay with us!

We can continue to provide you with university accommodation throughout your time here. If you would like to live with the friends you have made during your first year then you can apply to live together. We would love to have you back!

However, if you'd prefer to try and live off campus, Aberystwyth also has private sector student housing available. The Accommodation Office offers a private sector advisory service, which includes advice on tenancy agreements and an online searchable database.

Applying for accommodation

If you have received a conditional or an unconditional offer to study at Aberystwyth University and are holding us as either your firm or insurance choice, at the beginning of April we will send you an invitation to apply for accommodation both by e-mail and post. We advise that you complete your application as soon as possible, as we offer accommodation on a 'first-come, first-served' basis.

**To qualify for a guaranteed place you must ensure that your application is received by the 1st August in the year of entry and that you respond to the offer of accommodation by the deadline date detailed 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.*

LIVE WITH US LOVE LIFE!

FREE

**Sports Centre
Platinum Membership**

for your health and wellbeing
included in your Accommodation Fees!

Our residences at a glance:



- Price Band
- Catered / Part-Catered Residence
- Café
- Shower en-suite
- Laundry Rooms
- Wi-Fi
- Dedicated Welsh Residences
- Social and Study Areas
- Parking
- Learning Centres

Self-catered residences



F'ferm Penglais



- single en-suite rooms (with double beds), in flats of 6-8 students with shared kitchen/living area
- single self-contained studios
- has an area dedicated to Welsh speaking students
- on site shop, café, with social and study areas
- 5 minutes' walk from Penglais Campus, 20 minutes from Llanbadarn Campus



Pentre Jane Morgan (student village)



- single rooms, in houses of 5 or 6 students
- shared communal facilities
- use of The Lounge@PJM
- 5 minutes' walk from Penglais Campus, 20 minutes from Llanbadarn Campus



Cwrt Mawr



- single rooms, in flats of 6-10 students
- shared communal facilities
- use of The Lounge@Rosser
- on Penglais Campus, 15 minutes' walk from Llanbadarn Campus

Catered/part-catered residences



Cwrt Mawr



- accommodation and part-catered food package
- single rooms, in flats of 6-10 students
- shared communal facilities with fully-equipped kitchen
- use of The Lounge @ Rosser
- on Penglais Campus, 15 minutes' walk from Llanbadarn Campus



Pantycelyn-Penbryn



- dedicated residence for learners or Welsh-speaking students who wish to live in a Welsh speaking environment
- accommodation with a catered food package
- single rooms in flats of 12-25 students
- shared communal facilities including use of kitchenettes'
- use of The Lounge @ Rosser
- award-winning TaMed Da restaurant



Pantycelyn



The University's traditional residence for Welsh speakers and learners is being fully refurbished to provide catered, en-suite single study bedrooms with wi-fi and dedicated shared communal facilities. *The University is working towards reopening Pantycelyn by September 2019. Pending completion of construction, alternative accommodation is available at Pantycelyn-Penbryn.*



Rosser



- single en-suite rooms, in flats of up to 8 students
- shared communal facilities
- use of The Lounge@Rosser
- on Penglais Campus, 15 minutes' walk from Llanbadarn Campus



Trefloyne



- single rooms, in flats of 7 students
- shared communal facilities
- use of The Lounge@Rosser
- on Penglais Campus, 15 minutes' walk from Llanbadarn Campus



Seafront Residences



- single rooms (some en-suite), in flats of 2-10 students
- shared communal facilities
- use of learning centres on Penglais Campus
- 20 minutes' walk from Penglais Campus

For information on our accommodation fees, and much more, visit www.aber.ac.uk/accommodation

GO FAR WITH ABER



Success starts here

We take our students on a journey not only towards a degree but the careers they choose when they leave. We want our graduates to be able to draw on a deep well of skills, subject knowledge and experience which will stand them in good stead for the world of work.



These are just some of the opportunities waiting for you...



University and departmental opportunities

Become a University Ambassador and share your experience with applicants looking for the perfect university to start their next chapter. This role will include showing visitors around campus and assisting your department with other visits and events.

AberWorks

This scheme offers opportunities for part-time or casual work within the University, ranging from catering and administrative work, to ambassador roles and more. During term-time, if work is available, you may choose to work up to 15 hours per week, with more hours possible during vacation periods. Work could be based on any of the University's campuses including the Old College and our Farms. What's great about the scheme is that you can accept work that fits around your schedule, so that you're not disrupting your studies but are still gaining experience, and additional money.

Year in Employment Scheme

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, as if you'd never been away! Taking part in the scheme may also 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. Most graduates return saying they feel better placed to take on the challenges of the third year by being more motivated, energized, can take a fresh approach to their work, and have acquired better time management skills.



Study abroad

You can study or work abroad during your degree. The Erasmus+ Exchange Programme offers chances for travelling through either a study or work scheme in Europe. For more details visit our website, or ask your department.

Through the University's International Exchange Programme you can spend a semester or a full academic year studying at one of our partner universities. The time spent abroad will usually take place during your second year and all of the grades that you obtain at the partner university will be converted to the Aberystwyth equivalent and will then contribute to your degree.



AberForward

This exclusive programme combines full-time paid internships within an Aberystwyth University academic or professional service department, and includes professional development workshops and one-to-one careers guidance and support whilst you work. It provides you with the extra support needed to develop your career prospects further and give you experience in a professional work environment.

YOUR FUTURE

Employability is at the heart of everything that we do. Our courses aim to ensure that you will be ready to start a successful career as soon as you graduate.

We have embedded employability into everyday life at Aberystwyth. 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 a tutorial process, advice, tailored lectures and workshops (some from visiting employers), the Consultants will help you prepare yourself for the workplace.

You'll develop your employability skills - the personal attributes, skills and understanding that you can offer, as well as self-management; teamwork; business and customer awareness; problem-solving, communication and literacy skills; the application of numeracy and information technology; and entrepreneurship. Added to all of these must be a positive 'can-do' attitude, a readiness to take part and to contribute, openness to new ideas and the drive to make things happen.

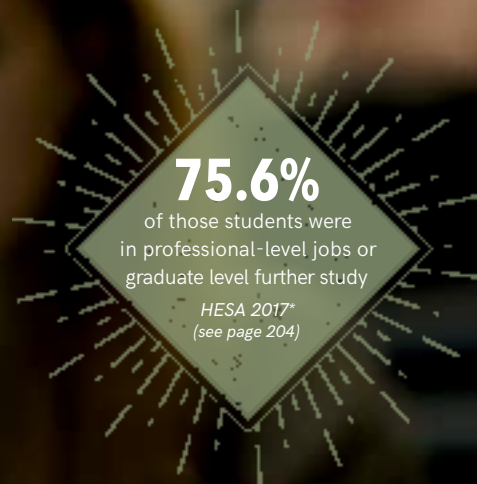
Discover where our graduates are now...

☎ 01970 622378

🌐 www.aber.ac.uk/careers

@ careers@aber.ac.uk

f /abercareers



OUR GRADUATES



Alex Jones graduated from the Department of Theatre, Film and Television Studies with a BA in Drama. She now hosts the primetime BBC *The One Show* programme.

“I had a fantastic time at Aber and made some really good, lifelong friends. I spent a couple of years living in Pantycelyn hall and have some great memories of the social events organized. I am currently one of the presenters on *The One Show*, a role which I enjoy immensely. The University, and life at Aber, has undoubtedly greatly contributed to the development and advancement of my career - providing the academic framework, the opportunities and support as a foundation for future development.”



Dr Mitch Robinson graduated with Master of Laws (LLM) from Aberystwyth University. He's now an international law specialist for the US Department of Defence, and has been working on some well documented cases.

“Aberystwyth is a very unique environment. It's a good mixture of academic rigor and creativity, which is something I needed in my job - a blend of different elements. The atmosphere encourages people to take chances, to think differently and live differently, which has been very helpful to me and my career.”



John Gibson graduated from Aberystwyth with a BSc in Countryside Management and an MSc in Managing the Environment. His degree is taking him from strength to strength, and even gave him a nice surprise on a recent expedition...

“I recently met Cathy, another Aber graduate at a training camp in the Alps of New Zealand. We noticed each other's Aberystwyth uni branded clothing and pens! It turns out that we have both used our qualification in the same field to work for the Department of Conservation, monitoring wildlife populations. It's a dream job, involving helicopter drops into some extremely remote bush. We both adored Aberystwyth and talked fondly to our new Kiwi colleagues of where we lived and how strange we were now up a mountain, the only British people there and both from Aber!”



Cathy Alexander studied Zoology at Aberystwyth and whilst working on a conservation project in New Zealand she randomly bumped into John Gibson, a fellow Aberystwyth graduate whom she'd never met before...


“John and I met during animal training week for the job with Department of Conservation (DoC). I was wearing my Aber hoodie as it was quite cold and snowy in the Cass field station at the time. During one of the tea breaks on the first day, he came up to me and said "I think we have something in common". I just stood there thinking "who the hell is this guy?", and then he just showed me a purple pen with the gold Aber Uni logo on it. At that point we both screamed with delight and hugged each other even though we had never spoken before that point. I just couldn't believe how small a world we live in, to meet someone on the other side of the world after having gone to the same university in mid Wales.

I studied Zoology when I was in Aber, and I became really interested in animal conservation after having studied several conservation modules in the third year. My interest grew after that and I volunteered for a few conservation projects around the world which gave me the experience I needed for the job here in New Zealand. But this journey all started in Aber with the ground knowledge I received in my third year. The work John and I do here is part of a national monitoring project, which mostly involves flying to remote parts of the country, counting deer and possum poo, doing birds counts and monitoring possum presence with chew cards.”



Director and Screenwriter Sharon Maguire graduated from Aberystwyth with a BA in English and Drama and then went on to complete a PGCE. She is probably best-known for directing the blockbuster films *Bridget Jones' Diary* and *Bridget Jones's Baby*.

“Today I'm a mother of two boys and in between, I direct films, documentaries and commercials, and I write screenplays. My degree in English and Drama taught me a love of literature, stories and storytelling.”

For more information, please visit:
 www.aber.ac.uk/en/development/

STUDYING

through the medium of Welsh

Since the University was founded in 1872, Aberystwyth has been at the forefront of offering extensive provision through the medium of Welsh. You can choose to study through the medium of Welsh while living in a Welsh seaside town where the language is heard on the street, in shops and on campus every day.

Did you know that being able to work through the medium of Welsh can improve your career prospects substantially?



Aber pledges:

- flexible opportunities to study through the medium of Welsh in each Institute
- guaranteed Welsh-speaking personal tutor
- bilingual work experience
- guaranteed Welsh-medium accommodation
- opportunities to learn or improve your Welsh
- free UMCA membership

If you decide to study through the medium of Welsh, you could receive a scholarship from the Coleg Cymraeg Cenedlaethol and the University for doing so. Depending on the number of credits you study through the medium of Welsh and the course you choose to follow, you could be eligible to receive up to £5,000 over three years through the Coleg Cymraeg Cenedlaethol scholarships. Aberystwyth University also offers Welsh Medium Study Scholarships worth up to £250 a year.

The numerous benefits of studying through the medium of Welsh include:

- access to a wider range of scholarships
- smaller and more focussed studying groups
- an opportunity to develop bilingual terminology in a specialist field
- developing bilingual skills which will be advantageous when applying for a post



www.colegcymraeg.ac.uk



www.aber.ac.uk/scholarships



ABER LANGUAGES



Learning another language can bring a bounty of benefits. In today's global economy, multinational employers are often looking for graduates who can speak more than one language. Learning a language can also give you a better understanding of other cultures and lifestyles. And if you decide to follow part of your degree abroad, another language could prove very useful. You can choose to study a language as your main degree subject or follow a Joint Honours course with a language. Among the modern languages we teach at degree level are French, German, Spanish and Italian. We also offer Welsh and Celtic Studies, within a wider bilingual environment. Even if language study is not part of your main fee-paying programme, we still offer you the option of learning a language because we know it could be an important skill for your future career.

As part of our Lifelong Learning provision, our students can choose to follow one module per term in Arabic, Breton, Chinese, Greek, Japanese or Russian free of charge, or a selection of Modern Language courses in French, German, Italian and Spanish at a concessionary rate.

All courses in Lifelong Learning are accredited, and the credits would be on your Academic record. You can also choose to join our Language Exchange Platform, where you work together with a language learning partner to make the most of the international dimension of our University.

Our Welsh-language students' union UMCA also puts on free Welsh language courses.

It's all about expanding your horizons and preparing you for your life ahead.

For more information, please visit:

www.aber.ac.uk/en/lifelong-learning/modern-languages/

SUPPORTING YOU

Our warm and approachable community of staff, town and students offers a network of support to help you find solutions for most of the challenges you might face as part of student life.

☎ 01970 621761

🌐 www.aber.ac.uk/en/student-support

@ student-support@aber.ac.uk

The hub of this network is the Student Welcome Centre. The team facilitate support that is appropriate to your needs, is free of charge and is confidential and non-judgemental.

We have a Student Advice, Information and Money Service that provides support and referral on a wide range of issues. No issue is too big or too small. A drop-in service is usually available, or you can make an appointment with an Adviser by contacting our Student Welcome Desk.

Our Student Advisers who are accredited by The National Association of Student Money Advisers (NASMA) can also signpost you on any queries relating to accommodation, academic progress and University procedures. The service administers the Hardship Fund.

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. Applications are considered on the same grounds as other candidates. 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, and individual examination arrangements 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 provides advice and guidance on a range of emotional and wellbeing issues. Although we work closely with local GPs, hospital and mental health services it is important that you register with a local GP practice on arrival in Aberystwyth, and that you ensure any support you may be receiving for mental health issues is transferred. We are committed to supporting your health and wellbeing throughout your studies.

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 that runs from 8pm to 8am Tuesdays to Sundays during term time. Making sure there is help for you through the University's community whatever the time. We are here to support you, no matter how small the issue is.

🌐 www.nightline.aber.ac.uk

Advice for applying to university

Applying to University can be a very daunting prospect but we are always 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

If you have more questions or require information about the support available to you contact:

@ student-support@aber.ac.uk

The departmental staff are also more than happy to answer your questions about course specific questions.



RESEARCH

with 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.

Ranging from climate change, food quality and production, to human health and helping to advance space exploration, our researchers are at the forefront of innovation and the impact of our research has far reaching international, national and local benefits.

Here are some of Aber's recent research highlights...

Making life easier

Smashed smartphone screens could be a thing of the past, thanks to a new discovery by university researchers. A team of scientists from Aberystwyth University, the Australian National University, the Institut de Physique du Globe in Paris, and Orléans University in France have been studying the structure of alumino-silicate glasses which are used in a range of industrial processes, including the manufacture of screens for hand-held devices, and how the resistance of such glasses to breakages could be improved.



Food security

Scientists from IBERS are celebrating the top listing of two new high sugar ryegrasses developed at Aberystwyth, adding further to the Aber High Sugar Grass (Aber HSG) range that has become a worldwide success story since the first variety was launched in 2000. Now grown around the world, on farms as far afield as New Zealand, the award-winning Aber HSG varieties are renowned for their combination of dry matter yield and quality and offer livestock farmers a significant opportunity to produce more milk or meat from homegrown feed.



Addressing famine

Aberystwyth Computer Science student Nathan Hughes has been researching CT technology in a pioneering wheat study. By extracting novel information from 3D images of wheat grain heads, Nathan's work will help scientists to develop new types of wheat which can thrive in a changing climate.



Advising policy makers

A leading expert on international trade policy from Aberystwyth's Business School has been providing specialist research advice to the National Assembly for Wales on how Brexit is likely to impact the Welsh economy. Part of Professor Nicholas Perdikis' brief was to examine how a range of scenarios could impact on trade in Wales, including no deal or trading on World Trade Organisation terms as well as membership of the European Economic Area as a transitional arrangement.



First in the world

Glaciologists from Aberystwyth have successfully completed the first ever drilling of the world's highest glacier. The team of scientists from Aberystwyth University and the University of Leeds undertook a six-week mission to the Khumbu glacier in the foothills of Mount Everest as part of the EverDrill project. Working at an altitude of roughly 5,000 metres, the team used a specially-adapted car wash unit to drill into the 17km-long glacier at three different points. Sensors for recording the glacier's internal temperature and how it flows were installed to collect data and help scientists to monitor climate change.

Aberystwyth on Mars

Scientists from the University are part of an international team who are developing and testing the data processing tools for the camera system that will feature on the European Space Agency's 2020 mission to Mars. The PanCam instrument will be the eyes of the ExoMars Rover and the images it produces will be key to the success of the mission.



Health and wellbeing

The University's brand new Wellbeing and Health Assessment Research Unit (WARU) will enable our scientists to research projects to promote health and wellbeing in the community, with the aim of helping to reduce the burden of chronic disease and hospital admissions in the UK. The WARU team also address physical activity and physical capability measurement and digitally-linked technology to reinforce healthy behaviour and the role of exercise in lowering risk of developing or worsening of chronic conditions such as diabetes, stroke and Parkinson's.



INFORMATION FOR INTERNATIONAL STUDENTS

+44(0)1970 622367

www.aber.ac.uk/en/international
www.aber.ac.uk/en/international/fees-scholarships

international@aber.ac.uk



We are a diverse and caring community of students from over 70 countries, creating a cosmopolitan university setting for all our students.

The International Student Experience Team are here to help you settle in. We organize events at the start of term and social activities during the year. Join one of the student societies to meet more international students from the University!

Language support

Our International English Centre (IEC) can support you before you begin your degree and all through your studies. We offer pre-sessional courses if you have not yet reached the level of English needed to study here, ranging from 6-42 weeks in length. These intensive courses enable you to develop the language and academic skills needed for degree success.

If you do not meet the entry requirements as stated below, successful completion of the IEC's International Foundation Certificate offers guaranteed entry onto a degree at Aberystwyth. This course is also popular with students who want to improve their language skills and gain confidence studying in English.

We are here to help you throughout your studies with a wealth of language support. This includes one-to-one language consultations; free writing and communication skills classes; and credit-bearing modules aimed at improving your written communication.



English language requirements

As our degree courses are taught in English, you will be required to demonstrate proficiency in English in order to study here. Examples of our typical English language requirements are:

- 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
- Brunei Cambridge O Level - grade C
- Hong Kong Use of English AS level - grade C
- INDIA Standard XII - 70%
- Malaysian SPM 1119 - grade C
- Singapore Cambridge O Level - grade C
- Successful completion of a Pre-sessional Course of International Foundation Certificate at the University's International English Centre (IEC)

www.aber.ac.uk/en/international-english

FEES & FUNDING


At Aberystwyth, we understand that how you finance your studies is a major consideration when choosing a university. We are pleased to offer a generous package of scholarships and bursaries worth over £15,000 to support our students financially.

Scholarships, bursaries and awards

We offer a range of scholarships which are open to students from the UK, including academic awards such as the Entrance Scholarship 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.

Please visit our website for full information on the support available:

 www.aber.ac.uk/scholarships


“Having the scholarship means I can concentrate on my course without having to work. I'm also saving part of my scholarship to volunteer abroad in India over the summer. I think this will benefit my future job applications as I'll have something extra to offer that will make me stand out.”

Molly Burkmar, Entrance Scholarship holder



 01970 622065

 www.aber.ac.uk/scholarships

 www.aber.ac.uk/en/student-finance

Tuition fees and financial support

Tuition fees for Home/EU undergraduate and PGCE study are currently under governmental review in Wales and England.

For Home/EU students enrolled on full-time undergraduate and PGCE courses starting at Aberystwyth University in September 2018, fees are currently set at £9,000 for the 2018-19 academic year.

The Welsh Government is still to confirm arrangements for 2019-20 onwards so we cannot confirm the figure in this prospectus. However we will inform all applicants and students of the fee levels for 2019/20, along with any inflation-linked increases for successive years of study as soon as confirmation is received from Welsh Government. This information will be published on our website so please check our online tuition fees pages before applying. Up to date details of the relevant fees will also be set out in our offer documentation, and your terms and conditions with us will describe how we may be entitled to increase or otherwise change fees during the period of your study with us.

Depending on the decision of the Welsh Government, please be aware that tuition fees may be higher than 2018-19 levels for 2019-20 and for any successive years of study, mapped according to any inflation-linked maximum tuition fee permitted by the Welsh Government. These increases would also apply for the proportional fees charged for Year Abroad and Year in Industry.

The fees position is different for international/non EU students..

International Students

Full-time Arts / Social Sciences	£13,450 *
Full-time Science	£15,000 *

**Aberystwyth International Scholarships, worth £2,000 each year towards tuition fees, are available for International (non-EU) students commencing a full-time undergraduate programme in September 2018.*

See: www.aber.ac.uk/en/undergrad/scholarships/non-eu for details and conditions.

Please note that the Welsh Government's Tuition Fee Grant is also under review. Visit the Student Finance Wales website for further information.

You can also contact the relevant student finance organisation from the list below:

Students from:

Wales	 www.studentfinancewales.co.uk
England	 www.gov.uk/browse/education/student-finance
Scotland	 www.saas.gov.uk
Northern Ireland:	 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. The Student Welcome Centre and Students' Union can offer you advice on budgeting and where to find part-time work during the holidays or your studies.

Other sources of funding

You may be able to get additional funding elsewhere. Other options could include sponsorship, working part-time, or charitable bequests. There are also Career Development Loans that fund vocational courses, and students with disabilities might be eligible for The Disabled Student's Allowance that offers a range of financial support, and an additional grant may be available for travel costs. For further information visit your Government's website.



SCHOOL OF ART

**TOP 10
IN THE UK**
for the subject of Art
and Design

*(The Times and Sunday
Times Good University
Guide 2018)*

The School of Art is located in a beautiful Grade II listed Edwardian building, which has been carefully adapted to meet the needs of today's fine art and art history students.

Art History	p45
Creative Arts	p46
Fine Art	p47

The School of Art offers stimulating and creatively challenging courses including Art History, Creative Arts and Fine Art. Our courses offer you a rare opportunity to combine the practical, historical, and curatorial study of art, through specialised or combined courses in drawing and painting, book illustration, photography, printmaking, multi and new media (installation, digital art, video and sound) as well as a vocation-oriented, hands-on education in art history. Our courses are structured to allow you to pursue specialised and interdisciplinary pathways through your degree scheme. You could also consider studying any one of our subjects with a discipline outside of the School of Art.

Our School has accredited museum status and our internationally significant art collections and galleries are a fitting symbol of our aim to bridge traditional skills with new technologies. You will be taught and mentored by a team of dedicated artists, art historians and curators, in a School recognised as 2nd in the UK for its student experience, and 3rd in the UK for its teaching quality, according to *The Times and Sunday Times Good University Guide 2018*.

Our School

Apart from studios, print workshops, darkrooms, galleries and a Mac Suite, the School houses and displays an important collection of fine and decorative art and archives. This will be of great benefit to you during the duration of your course.

Your future

Our graduates are highly sought after, many have pursued careers in the creative industries as portrait painters, illustrators of children's books, graphic designers and gallery curators. Some of our graduates have exhibited their work in the National Gallery and National Portrait Gallery, one graduate won Sky Arts Landscape Painter of the Year 2017. We are proud that all of our graduates are in work or further study within six months of graduating (HESA 2017* see page 204). At the School of Art it is our goal is to create opportunities that help you achieve your full potential.

Entry requirements

Recruitment for all degree schemes is through UCAS direct from school, foundation and access courses. In addition to the University's requirements, candidates for all courses involving fine art (but not art history) must submit a portfolio of art works for assessment. It is not necessary for you to have completed a foundation course for entry onto the course.

Art History

Art History is the study of artefacts and techniques, texts and concepts within social, historical, and philosophical contexts. Our course promotes critical thinking and provides a sound foundation for careers in education, publishing, journalism and advertising, as well as in curating and art administration.

This degree scheme emphasises the ability to conduct research, to investigate and analyse, and to articulate your ideas. It provides a specialised and in-depth study of specific topics.

We consider art as an international phenomenon. As an art historian, you will examine the products of cultures and trace their development in painting and printmaking, photography and book illustration, and in digital art and sound art. In an image-driven world such as ours, the ability to understand and interpret images is becoming increasingly important.

Specialist opportunities at Aberystwyth for Art History include:

- the study of art history spanning the Renaissance to present day with a choice of vocation-oriented modules that engage with the curatorial study of art
- skills development and research training tailored to the student's individual needs
- access to the School's internationally significant collection of some 20,000 original artworks

Available
with...

You can study this subject with...
(joint honours): Fine Art. For more
information see page 180.

Key Facts

Degree type: BA

UCAS code: V350

Duration: 3 years

Typical offer: BBC/112 points with B in
any subject

Department: School of Art

Related courses:

Creative Arts p46

Fine Art p47

"I've had some good teachers in my time, but never a school I would willingly go to on a Saturday morning. The School of Art has been a tremendous experience. Thank you for making it possible to participate in such an experience."

Gerard McGandy



2ND
IN THE UK
for student
experience, and **3RD** for
teaching quality

*(The Times and Sunday
Times Good
University Guide
2018)*

Creative Arts

Our Creative Arts degree allows you to cross traditional disciplinary boundaries and discover the breadth of your own creative potential. This degree at Aberystwyth will equip you with skills, judgement and knowledge across three key strands of creative activity: Art and Design; Language and Writing; and Performance and Production. This highly-flexible scheme is designed to cultivate critical debate and innovative practice, and to kindle your imaginative vision whilst delivering knowledge and skills that will be invaluable wherever your future takes you.

There is a strong vocational dimension which provides opportunities for work-based learning and a direct engagement with Aberystwyth's creative community. Our aim is to encourage innovation and to equip you with the skills to identify and generate connections that emerge from your own critical practice and your scholarly engagement with your chosen fields of study.

Specialist opportunities at Aberystwyth for Creative Arts include:

- a stimulating and creatively challenging range of modules from our School of Art, Department of English and Creative Writing, and Department of Theatre, Film and Television Studies that are designed to cultivate critical debate and innovative practice
- access to the expertise of our outstanding staff of researchers and practitioners drawn from across the creative disciplines

Key Facts

Degree type: BA

UCAS code: WW48

Duration: 3 years

Typical offer: BBC/112 points with B in any subject

Department: School of Art

Related courses:

Art History p45

Fine Art p47

Liberal Arts p151

"I've learnt such a lot from my time at uni - in particular how to deal with constructive criticism and use it to help me! I appreciate it so much now. If I wasn't told the truth and pushed to be the best that I can be, then I would never have improved at all."

Maria Tilt

- superb facilities, such as our internationally renowned Arts Centre and the nearby National Library of Wales

Fine Art

The study of Fine Art at Aberystwyth University allows you to develop new, or broaden and deepen your skills in the key areas of Fine Art. Our course specialises in drawing, painting, book illustration, printmaking, photography, multi and new media (installation, digital art, video and sound). Drawing is at the heart of your student experience and is fundamental to your training in all other media. Accordingly, it occupies a central position in the curriculum, particularly in the first year of the degree scheme. Our Fine Art programme offers you training that connects traditional skills with contemporary practice and theory.

The School delivers single and joint honours degrees that offer you:

- training that connects traditional skills with contemporary practice and theory
- complementary art history modules spanning the Renaissance to present day with a choice of vocation-oriented modules that engage with the curatorial study of art entry directly from school or via foundation course
- access to the School's internationally significant collection of some 20,000 original artworks

Available with...

You can study this subject with... (joint honours): Art History, Creative Writing, Education, English Literature, and Film and Television Studies. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: W100

Duration: 3 years

Typical offer: BBC/112 points with B in Art or appropriate plus satisfactory portfolio

Department: School of Art

Related courses:

Art History p45

Creative Arts p46





INSTITUTE OF BIOLOGICAL, ENVIRONMENTAL AND RURAL SCIENCES (IBERS)

Agriculture	p52, p77	Genetics	p64
Agriculture with Animal Science	p53	Genetics and Biochemistry	p65
Agriculture and Business Management	p54	Human Biology and Health	p66
Animal Behaviour	p55	Life Sciences	p67
Animal Science	p56	Marine and Freshwater Biology	p68, p76
Biochemistry	p57, p76	Microbiology	p69, p76
Biology	p58, p76	Plant Biology	p70
Countryside Management and Conservation	p59, p78	Sport and Exercise Science	p71
Ecology	p60	Veterinary Biosciences	p72
Equine and Veterinary Bioscience	p61	Wildlife Conservation	p73
Equine Science	p62	Zoology	p74, p76
Equine Studies	p63, p79		

At IBERS, you will become part of a world-class teaching and research Institute. We are known for our innovative work that impacts on international, national and regional challenges in biology and health, and we pride ourselves on training skilful graduates that are ready to make their own impact on these challenges.

Our staff investigate the major issues of our time, such as food security, health and wellbeing, bioenergy and sustainability, and the impacts of climate change. They conduct their research on a range of scales spanning genes and molecules, whole organisms, society, and the environment. Our staff are also passionate and supportive educators well-placed to guide you skilfully through a transformative learning experience in your chosen specialism.

IBERS students benefit from the first-rate facilities and inspiring, creative environment of a cutting-edge research Institute. They can also apply to study abroad on exchange for part of their studies, to obtain an international perspective on their chosen subject. IBERS is home to the Farm Business Survey for Wales, the National Plant Phenomics Centre, the BEACON Centre of Excellence for Biorefining, and sport science laboratories employed in a range of consultancy projects. Our ongoing collaboration with the Wales Veterinary Science Centre in Aberystwyth has also provided our students deep insights into veterinary diagnostics and research opportunities. Our activities are supported by strategic research funding

from the Biotechnology and Biological Sciences Research Council (BBSRC), and IBERS is one of the National Institutes of Bioscience. IBERS also benefits from financial support from the Welsh Government, Department for Environment, Food and Rural Affairs (DEFRA) and the European Union.

Whatever your chosen specialism, IBERS has a great deal to offer...

Agriculture facilities

We've been teaching 'land-based studies' at Aberystwyth for over 140 years, and have a long-established reputation in the farming world for our teaching and research in agriculture.

Our commercially managed university farms extend to over 1500 hectares. They host a commercial dairy herd as well as beef rearing, and sheep production enterprises. In addition, we maintain a specialist ruminant metabolism research unit, and plant breeding programmes for high sugar grasses, oats, and biofuels. IBERS' Pwllpeiran Upland Research Platform provides a specialist centre for the study of upland farmed ecosystems.

Statistics from the Farm Business Survey in Wales are produced and published by IBERS on behalf of the Welsh Government. This survey incorporates financial and physical data from a sample of farms in Wales to inform regional, national and EU policy-makers and researchers.



Biological sciences facilities

Our well-equipped laboratories, superb computing facilities and internationally renowned staff make the Institute a stimulating environment in which you can study biological sciences. In addition to these in-house facilities, students benefit from a beautiful and diverse surrounding environment that provides an exceptional teaching and research resource. Among the fantastic facilities that IBERS' biological sciences students might benefit from are:

- an advanced microscopy and bio-imaging laboratory
- aquarium systems for marine and freshwater organisms
- botany gardens with a wide range of temperate and tropical plants
- an extensive range of growth rooms and glasshouses
- facilities for DNA sequencing, metabolomics and proteomics
- a mass spectrometry and analytical unit
- a museum of historic zoological and botanical specimens
- The National Plant Phenomics Centre (NPPC)
- plant genetic resources collections and databases
- two research vessels for hands-on experience of aquatic sampling techniques
- a trophic interaction facility for modelling systems-level processes

Countryside and the environment

Aberystwyth is situated in the heart of mid Wales on the beautiful rugged coastline of Cardigan Bay and our students enjoy a range of stunning, accessible natural habitats close at hand. Aberystwyth University is situated within the UNESCO Dyfi Biosphere Reserve and nearby conservation sites include the bogs of Cors Fochno and Cors Caron, the Dyfi estuary, Ynyslas sand dunes, Ynys-hir RSPB reserve (one time home of BBC *Springwatch*), approximately 100 SSSIs including Coedydd a Cheunant Rheidol (one of the largest stretches of unbroken broadleaf oak woodland in the UK), two marine Special Areas of Conservation including Cardigan Bay, and several Special Protection Areas. These marine, freshwater and terrestrial habitats are home to a range of fascinating and charismatic animal species including bottlenose dolphin, pine marten, otter, harbour porpoise, water vole, red squirrel, osprey, red kite, and chough.

The University was one of the first to develop countryside courses and we have an outstanding reputation in this industry. However, our beautiful and diverse surroundings provide an exceptional natural classroom whatever your chosen course, and fieldwork is embedded into a large proportion of our degree programmes. Depending on your specialism, this might include observations of bird behaviour, audits of visitor infrastructure or monitoring of small mammals at local countryside sites, or benthic and pelagic sampling from one of our two research vessels.

The Dyfi Estuary, an important conservation site close to Aberystwyth within the UNESCO Dyfi Biosphere Reserve.

Equine facilities

As the longest-established provider of equine courses in the UK, we have a distinguished reputation for providing excellent graduates for a whole range of careers within the industry. The Institute has 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. Our equine teaching centre is a British Horse Society 'Where to train' centre, so you can study for BHS qualifications from stage 1 alongside your course, or just have lessons for fun.

Many of our biological sciences BSc degrees are

ACCREDITED

by the Royal Society of Biology (see course pages for details)

91%
overall student satisfaction

(NSS 2017)

97%

of our graduates were in work or further study within 6 months, **3%** more than Biological Science graduates nationally

(HESA 2017* see page 204)

Sport and exercise facilities

Our highly experienced 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. Our specialist sport and exercise laboratories are fully accredited by the British Association of Sport and Exercise Sciences. In biomechanics an eight-camera digital video system allows for sophisticated two- and three-dimensional analysis of movement, and force platforms and dynamometers allow measurement of forces. In physiology students can monitor cardiovascular, respiratory, anthropometric, and metabolic responses during exercise. In psychology heart rate and breathing can be monitored to study stress, and the Vienna Testing System can be used to test a range of cognitive functions that are important during sport and exercise (e.g. reaction time and attention). Our environmental chamber also allows special study of responses in hot, cold or humid environments. The on-campus University Sports Centre also provides superb facilities including a fitness suite, extensive playing fields, swimming pool, sports hall, climbing wall, running track and all-weather pitches.

Improve your employability by taking a year in industry

For the majority of our BSc courses you can choose a four-year course option incorporating a minimum of 9 months of work experience in a position related to your chosen specialism. This will greatly improve your employability once you have finished the course, and will allow you to develop a range of employment-focused skills alongside your subject knowledge. We do not have automatic work experience positions but have a wide network of contacts within different sectors of industry that contact us with opportunities. We can also help you to find your own work experience subject to Institute approval. Not all placements are paid but the experience will be of huge value to your future career. Look at the course pages to see if the BSc course you are interested in has a four-year option.

Studying through the medium of Welsh

Many of our schemes provide the opportunity for you to study particular modules in Welsh. On schemes where more than 40 credits per year are available in Welsh, opting to study them would make you eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships (www.colegcymraeg.ac.uk). Check our website for the latest information on the Welsh medium modules available for your chosen degree scheme.

Agriculture

In choosing BSc Agriculture at Aberystwyth University, you will be joining an Institute with an excellent reputation in the farming world. Agriculture is the mainstay of rural communities and a significant UK industry sector. At the same time, agriculture is faced with the global task of feeding an increasing population against a backdrop of dwindling resources, the need to protect the environment, and the need to cope with, and mitigate against, climate change. Agriculture is also facing new priorities closer to home as the UK redefines its relationship with Europe.

Agriculture graduates must be equipped with the latest knowledge to understand the changing farming landscape. They must adopt best practices and incorporate the best of current research in order to tackle the challenges of livestock and crop management and get the best from an agricultural business. Our Agriculture degree includes all aspects of agriculture and agricultural production systems, and it will provide you with the practical and theoretical understanding to manage a sustainable 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

Key Facts

Degree type: BSc

UCAS code: H21Y (D401 with integrated year in industry)

Duration: 3 years (D401 is 4 years)

Typical offer: BCC/104 points with C in relevant science subject

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Agriculture	p77
Agriculture with Animal Science	p53
Agriculture with Business Management	p54
Life Sciences	p67

Your future

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. Some have also diversified into industries and organisations unrelated to agriculture, using the transferable skills developed through their studies and work experience.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

“The Agriculture course has a great mix of modules which has opened my eyes to many other aspects of agriculture.”

Aled, graduate

Agriculture with Animal Science

Agriculture with Animal Science gives students of agriculture the opportunity to immerse themselves in the science, production, and management of livestock. Aberystwyth has a long-established, world-class reputation for teaching and research in animal science and agriculture - making it an inspiring place to study.

Students on this scheme develop a solid foundation of knowledge in agriculture, but develop a specialism in animal science covering aspects of nutrition, reproductive physiology, animal health and animal breeding, as well as emerging animal biotechnology.

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

Your future

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.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

Key Facts

Degree type: BSc

UCAS Code: 53C8 (D4D3 with integrated year in industry)

Duration: 3 years (D4D3 is 4 years)

Typical offer: BCC/104 points with C in relevant science subject

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Agriculture	p52, p77
Agriculture with Business Management	p54
Animal Science	p56
Life Sciences	p67



Agriculture with Business Management

Predicted changes in the agricultural industry's support mechanisms, and increasing pressures on farmers to modify their businesses or diversify whilst also managing the environment, will make success in the farming sector increasingly reliant on high-quality business management skills. At Aberystwyth you will gain a thorough grounding in both farming and commerce, and will be well-equipped to deal with any challenges you may face.

This scheme is highly appropriate for applicants with 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 work experience, 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 employers.

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

- teaching by expert staff involved in the Farm Business Survey in 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

Key Facts

Degree type: BSc

UCAS code: D4N2 (4D12 with integrated year in industry)

Duration: 3 years (4D12 is 4 years)

Typical offer: BCC/104 points

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Agriculture	p52, p77
Agriculture with Animal Science	p53
Animal Science	p56
Life Sciences	p67

Your future

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. It is also an excellent qualification for a career in other businesses such as in the rapidly growing agri-food sector.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.



Animal Behaviour



Key Facts

Degree type: BSc

UCAS code: C120 (C122 with integrated year in industry)

Duration: 3 years (C122 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Science	p56
Biology	p58, p76
Life Sciences	p67
Veterinary Biosciences	p72
Zoology	p74, p76

An understanding of animal behaviour is essential for the successful conservation and management of rare and endangered species, as well as being key to improving the welfare of captive and domesticated animals. From evolution and learning to hormones and nerve cells, at Aberystwyth we provide you with the knowledge and skills needed to gain crucial insight into the behaviour of animals. You will have the opportunity to study a diverse range of animals in a wide range of settings, from vertebrates to invertebrates and from natural environments to zoos and captivity. At the same time, our friendly and supportive teaching staff will guide you as you develop the scientific, observational, and analytical skills needed for a successful career contributing to animal welfare and conservation, or applying insights from animal behaviour to broad issues of relevance to society.

Students studying Animal Behaviour at Aberystwyth will enjoy:

- excellent aquaria for the study of fish and aquatic invertebrates, a University woodland hosting over 200 nest boxes, and a fantastic collection of historic specimens
- our beautiful location with red kite, chough, and the UK's largest resident bottlenose dolphin population close at hand!

- visits to study animals in captive and natural environments, such as the nearby Dyfi Estuary, an important overwintering site for migratory birds
- our innovative teaching that employs technology to enhance learning

Your future

Graduates in Animal Behaviour are well-qualified for employment in environmental education, research science, conservation, animal welfare, and ecological consultancy. An understanding of the principles of animal behaviour is also valuable in human resources, marketing and general management.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.

"Without gaining the lab experience that I did whilst at university, I would not have gained my position at the Bristol Royal Infirmary. I feel like I was trained well to have a scientific mind and am capable of confronting things that the laboratory environment can throw at me."

Jennifer, graduate



A close encounter with a sparrowhawk during the Animal Behaviour field course. Picture by IBERS graduate Adam Jamieson

Animal Science

Animal Science is the applied science of domesticated animals, including farm animals, horses and companion animals. At Aberystwyth, our supportive and friendly staff offer you vocationally relevant training, drawing on our acknowledged reputation as a centre of excellence in animal science research and preparing you for career success.

Students on our Animal Science scheme develop an understanding of the key biology relating to domesticated animal health, including anatomy, physiology, nutrition, disease diagnosis, and behaviour. At the same time, we inspire them to communicate their knowledge confidently. As such, this stimulating course of study will provide you with the opportunity to develop the skills and knowledge to underpin a successful career.

Specialist opportunities at Aberystwyth for Animal Science students include:

- access to the Institute's world-class laboratories, farms, equine centre, animal houses and staff
- the opportunity to study at the largest and best-resourced university department specialising in land-based studies in the UK
- 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

Your future

This scheme opens up a wide range of career opportunities in scientific research within private and public organisations, advisory and consultancy services, enforcement of welfare laws, as well as animal feed,

Key Facts

Degree type: BSc

UCAS code: D306 (D307 with integrated year in industry)

Duration: 3 years (D307 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Agriculture with Animal Science	p53
Animal Behaviour	p55
Biology	p58, p76
Equine and Veterinary Bioscience	p61
Equine Science	p62
Life Sciences	p67
Veterinary Biosciences	p72
Zoology	p74, p76

animal breeding and pharmaceutical industries. Many of our graduates become teachers, and some have also developed careers in unrelated areas such as the civil service and personnel management.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

“The Aberystwyth Animal Science program has enabled me to acquire a strong set of skills and knowledge which are directly transferable to my second degree in veterinary medicine.”

Melanie, graduate

3RD
IN THE UK
for the subject of
Animal Science overall, and
2ND for teaching quality

(The Times and Sunday
Times Good
University Guide
2018)

Biochemistry



Key Facts

Degree type: BSc

UCAS code: C700 (C701 with integrated year in industry)

Duration: 3 years (C701 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Chemistry

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Biology	p58, p76
Biochemistry	p76
Genetics	p64
Genetics and Biochemistry	p65
Life Sciences	p67
Microbiology	p69, p76
Plant Biology	p70
Veterinary Biosciences	p72

Many of the advances in medicine, nutrition, pharmaceuticals and genetics over the last few decades stem from an understanding of biology at the molecular level. This is the realm of the biochemist, who attempts to describe the structure and functions of the molecules that make up the cell and to understand the way in which they interact in living processes. Techniques such as mass spectrometry, electrophoresis and chromatography have proved extremely powerful, and have revolutionised studies in medicine and the pharmaceutical industry.

At Aberystwyth, the central role of biochemistry is reflected in our degree. It presents the subject very much from the modern biological perspective and introduces aspects of molecular biology that cross the boundaries of separate disciplines. Our programme will give you a solid foundation in the study of cellular, molecular and chemical biology, and will inspire intellectual curiosity and independent thinking. You will also receive expert tuition in scientific protocol and hands-on lab work.

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 state-of-the-art equipment, including bioimaging facilities, high-throughput DNA sequencing, proteomics, metabolomics and spectroscopic platforms

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

✦ In addition, we offer a 4-year Integrated Masters scheme in Biochemistry (see page 76), which you can opt to enter directly. Dependent on their marks, students on the 3-year BSc Biochemistry scheme have the opportunity to transfer to the 4-year Integrated Masters scheme at the end of their second year.

100%

student satisfaction for
our C700 Biochemistry
degree scheme

(NSS 2017)

Biology

Biology is making an ever greater impact on our day-to-day lives, leading to real improvements in our health and wellbeing by offering us new ways to fight disease, securing food production, and developing new biofuels and other important products. As well as environmental, whole organism and cellular studies, many approaches focus on the sequencing of whole genomes, analysis of their evolution, and investigation of individual gene function. All of these important topics, as well as the use of cutting-edge analytical approaches, are considered within the discipline of Biology.

The diverse research expertise of IBERS' staff means that concepts taught will often be inspired by cutting-edge research, for example, staff teaching parasitology at IBERS recently assisted in the deciphering of a snail genome to help combat the deadly tropical disease *Schistosomiasis*. At the same time, you will consider the ethical dilemmas being posed by advances in biological knowledge, for example, in controversial disease treatments or reproductive medicine. The Biology degree aims to develop knowledge and experimental skills but also to encourage independence, creativity and critical thinking.

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

Your future

Biology graduates have a wide breadth and depth of knowledge and skills. 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

Degree type: BSc

UCAS code: C100 (C102 with integrated year in industry)

Duration: 3 years (C102 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Biochemistry	p57, p76
Biology	p76
Ecology	p60
Genetics	p64
Genetics and Biochemistry	p65
Human Biology and Health	p66
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Microbiology	p69, p76
Plant Biology	p70
Veterinary Biosciences	p72
Wildlife Conservation	p73
Zoology	p74, p76

✪ You can also gain entry to this course through our C990 Life Sciences foundation programme.

✪ In addition, we offer a 4-year Integrated Masters scheme in Biology (see page 76), which you can opt to enter directly. Dependent on their marks, students on the 3-year BSc Biology scheme have the opportunity to transfer to the 4-year Integrated Masters scheme at the end of their second year.



Countryside Management and Conservation

The National Trust, the RSPB, wildlife trusts, national parks and other organisations conserve and manage the most picturesque and biodiverse locations in the UK. Our academic experts strive to give you the specialist skills needed to gain a career in countryside organisations like these. Our enthusiastic, knowledgeable and supportive staff will give you a detailed understanding of how the countryside works and how it can be managed to maximise the benefits to wildlife, habitats, recreational users and farmers. You will study countryside recreation, visitor management, habitat management, species conservation, environmental education, GIS, landscape and interpretation, so you are ready to successfully gain employment in the countryside industry.

Countryside Management and Conservation students will enjoy:

- visits to a beautiful and diverse local countryside including mountains, moorlands, woodlands, estuaries, dunes and bogs with national parks, national nature reserves, countryside visitor attractions and Special Areas of Conservation all within easy reach
- regular contact with countryside management organisations and professional countryside staff
- teaching delivered by experts in their field
- the opportunity to attend field courses in the UK and overseas

“Like everyone I speak to who has studied at Aberystwyth I cannot rate the course highly enough. The lecturers are fantastic and their experience of working in the field combined with research of their particular subject areas means the content of the course is up-to-date.”

Anna Williams, graduate



Surveying small mammal populations

Key Facts

Degree type: BSc

UCAS code: D457 (D458 with integrated year in industry)

Duration: 3 years (D458 is 4 years)

Typical offer: BCC/104 points with C in relevant science subject

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Countryside Management and Conservation	p78
Ecology	p60
Life Sciences	p67
Wildlife Conservation	p73

Your future

Our graduates are employed as countryside rangers and wardens, access officers, conservation officers and environmental interpreters and educators for national parks, the National Trust, wildlife trusts, the Forestry Commission and local authorities. Within the industry we are considered to be amongst the best providers of entry routes into a career in countryside management.

✪ You can also gain entry to this course through our C990 Life Sciences foundation programme.

Ecology

Ecology is the study of how organisms interact with each other and with the environment. Due to the urgent need to document, understand and ultimately prevent the decline of biodiversity, ecologists are in high demand. Knowledge of ecology underpins our understanding of the way the natural world operates and how wildlife and biodiversity respond to current and future environmental threats, including climate change and habitat loss. We attract high-calibre students that want to make a difference by developing core ecological skills and applying them to tackle current environmental challenges.

Specialist opportunities at Aberystwyth for Ecology students include:

- lots of local fieldwork, with the potential for more internationally; such opportunities have previously included trips to the Swedish Arctic and the tropical rainforests of Borneo
- access to a wide range of natural and semi-natural habitats and ecosystems including the Cardigan Bay coastline, freshwater environments, woodlands, heaths, moorland and alpine habitats
- 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

“The Ecology course at Aberystwyth has provided me with excellent skills which I use daily and apply in my current role. The fieldwork part of many modules provided me with career-orientated outdoor skills that included organism identification, surveying and even GIS.”

Alex Newnes, graduate



Key Facts

Degree type: BSc

UCAS code: C180 (C181 with integrated year in industry)

Duration: 3 years (C181 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Biology	p58, p76
Countryside Management and Conservation	p59, p78
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Plant Biology	p70
Wildlife Conservation	p73
Zoology	p74, p76

Your future

Our Ecology graduates are well-qualified to find jobs, or research and consultancy posts in conservation and environmental protection. The breadth of the course also presents a sound basis for a career in environmental education, either in schools and colleges or nature reserves. Potential employers include 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.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.



Equine and Veterinary Bioscience

Our Equine and Veterinary Bioscience degree is the only one of its kind in the UK. Our supportive and inspiring lecturers will provide you with a solid foundation of core concepts in veterinary medicine, including immunology, disease processes, and the diagnosis and treatment of disease. Your lectures will also place special emphasis on the physiology of the horse, capitalising on IBERS' reputation as a long-established provider of equine courses.

The unique mix of subject matter on this degree will give you the knowledge and skills required in professional roles within the equine industry, as well as the ability to pursue a career in fields 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
- our equine teaching centre, which is a British Horse Society 'Where to train' centre allowing you to study for your BHS qualifications, from stage 1, alongside your course
- teaching and learning supported by internationally recognised researchers

Key Facts

Degree type: BSc

UCAS code: D334 (D335 with integrated year in industry)

Duration: 3 years (D335 is 4 years)

Typical offer: BBB-ABB/120-128 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Equine Science	p62
Equine Studies	p63, p79
Life Sciences	p67
Veterinary Biosciences	p72
Zoology	p74, p76

Your future

The course 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.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.



Equine Science

Our Equine Science degree aims to equip students with a solid grounding in the biological sciences with specialism in equine science. It augments this with more applied aspects such as equine management practice. We care about your career prospects and are committed to equipping you with the skills and knowledge to succeed. Through scientific and technical training, this degree will prepare you for a professional career in the equine industry and its allied services.

Students on our BSc Equine Science course study topics such as physiology, genetics and metabolism, equine anatomy, equine exercise physiology, equine industry, nutrition and reproductive physiology, all in a stimulating environment led by enthusiastic experts with a strong track record in equine education.

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
- our equine teaching centre, which is a British Horse Society 'Where to train' centre allowing you to study for your BHS qualifications, from stage 1, alongside your course
- teaching and learning supported by internationally recognised researchers

Key Facts

Degree type: BSc

UCAS code: D322 (D323 with integrated year in industry)

Duration: 3 years (D323 is 4 years)

Typical offer: BCC-BBC/104-112 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Equine and Veterinary Bioscience	p61
Equine Studies	p63, p79
Life Sciences	p67
Zoology	p74, p76

Your future

This scheme is designed to 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.

🔄 You can also gain entry to this course through our C990 Life Sciences foundation programme.

"I enjoyed the time I spent in Aberystwyth and quickly found that the Equine Science degree encouraged me to challenge what I already knew about horses."

Jenni, graduate



Equine Studies (top-up scheme)

This top-up scheme is aimed at students wishing to build on their success at HND or Foundation Degree level, allowing them to achieve a BSc Equine Studies degree and preparing them for employment in a range of sectors within the equine industry. This scheme will equip you with the skills and knowledge needed for the management and supervision of equine enterprises in the UK and abroad, or for a wide range of advisory, commercial and educational work in the equine and rural sectors. The business management skills acquired on this course are also readily transferable to other sectors of commerce and industry.

On our Equine Studies (top-up) scheme you will study topics including equine stud management, animal breeding, advanced equine nutrition and equine marketing and business management, boosting your career opportunities and unlocking your potential.

Equine Studies 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
- our equine teaching centre, which is a British Horse Society 'Where to train' centre allowing you to study for your BHS qualifications, from stage 1, alongside your course

Key Facts

Degree type: BSc

UCAS code: D325

Duration: 1 year top-up scheme

Typical offer: Pass in an appropriate Foundation Degree with overall grade of Merit or above

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

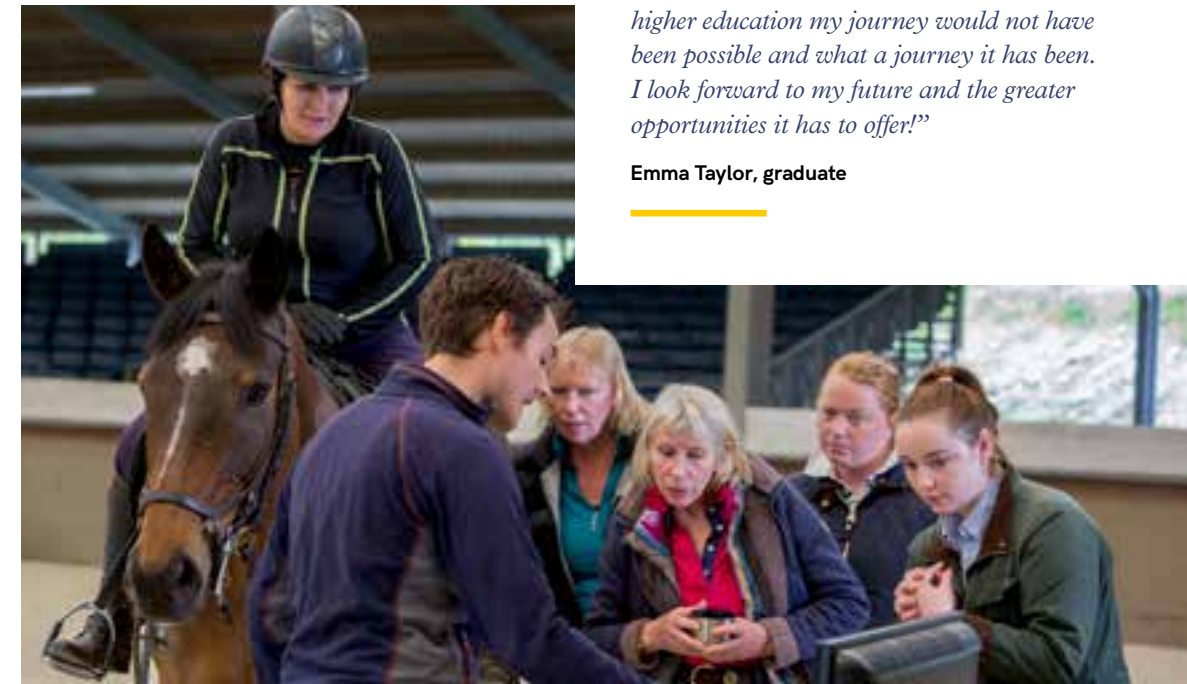
Your future

The scheme is designed to prepare you for a wide range of employment opportunities in equine and animal science, research and development, advisory and technical support work, and enterprise management in the UK and overseas.

🔄 This is a top-up scheme 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 in equine studies.

"Without the foundation of knowledge from higher education my journey would not have been possible and what a journey it has been. I look forward to my future and the greater opportunities it has to offer!"

Emma Taylor, graduate



Genetics

Recent discoveries in genetics have led to fundamental advancements in medical science, pharmaceuticals, and agriculture; and have often challenged societal norms. The study of genetics has moved from the seminal discovery of the laws of inheritance by Mendel, to the cutting-edge editing of DNA sequences of many organisms including humans.

Our carefully developed course equips graduates 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, such as medical genomics and bioinformatics. It also allows you to indulge your interests in related topics as different as conservation and biotechnology. Our experienced geneticists will help you to develop the knowledge and skills needed for success in your future career.

Specialist opportunities at Aberystwyth for Genetics 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

“What I’ve learnt from other genetics graduates is that the scope of teaching at IBERS is much broader, giving a much better understanding of the fundamentals of biology than the course in other places.”

Phil, graduate



Key Facts

Degree type: BSc

UCAS code: C400 (C401 with integrated year in industry)

Duration: 3 years (C401 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

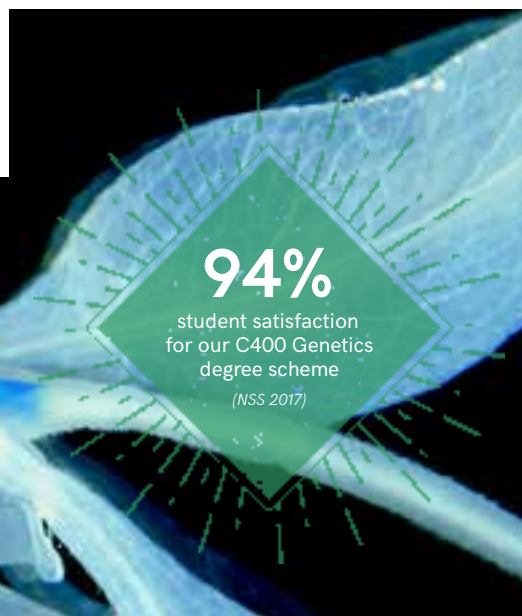
Related courses:

Animal Science	p56
Biochemistry	p57, p76
Biology	p58, p76
Genetics and Biochemistry	p65
Life Sciences	p67
Microbiology	p69, p76
Plant Biology	p70
Veterinary Biosciences	p72
Zoology	p74, p76

Your future

Our Genetics degree will provide you with the skills to take up a career in healthcare, industry, or universities; such as in biotechnology, forensic research, clinical genetics, biomedical genetics, genetic counselling, environmental population genetics and conservation genetics. This scheme also frequently leads to postgraduate research at Masters and PhD level.

✪ You can also gain entry to this course through our C990 Life Sciences foundation programme.



Plant stained to show gene expression

Genetics and Biochemistry

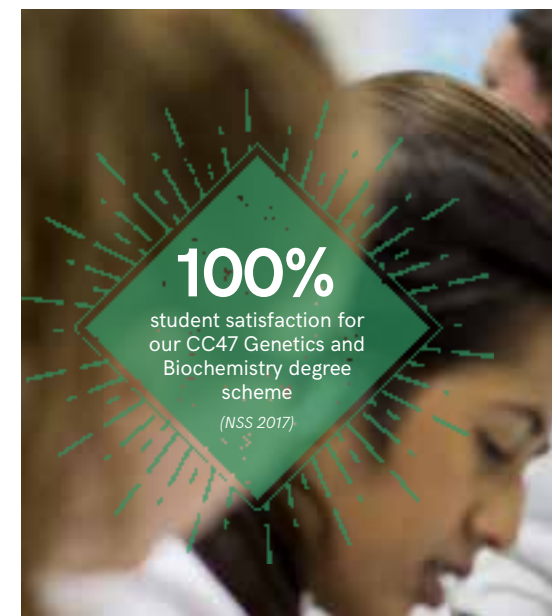
The interface between genetics and biochemistry is an exciting and rapidly growing area of science which has enabled many technological achievements, and frequently impacts upon human society.

The Human Genome Project, for example, has provided a treasure trove of biological information from which the function of genes and their products can be determined. This valuable resource has almost limitless potential in terms of understanding and treating genetic disease and developing new pharmaceuticals. The development and use of genetically modified organisms also have the potential to benefit humankind, but come with the responsibility to consider carefully their release into the environment. Meanwhile, our understanding of the structure and behaviour of biochemically active molecules has opened up new areas of pure and applied science, and has given us new insights into the form and function of living organisms as diverse as microbes and humans.

At Aberystwyth, our Genetics and Biochemistry course reflects the dynamics of this exciting scientific interface, and through comprehensive training in genetics and biochemistry it will equip you to be a skilled practitioner of these sciences.

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



Key Facts

Degree type: BSc

UCAS code: CC47 (CC48 with integrated year in industry)

Duration: 3 years (CC48 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Chemistry

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Science	p56
Biochemistry	p57, p76
Biology	p58, p76
Genetics	p64
Life Sciences	p67
Microbiology	p69, p76
Plant Biology	p70
Veterinary Biosciences	p72
Zoology	p74, p76

- biophysical characterisation of enzyme-catalysed reaction kinetics and thermodynamics
- 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

Your future

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, and aspects of biodiversity and the conservation of genetic resources and endangered species. This scheme can also lead to postgraduate research at Masters and PhD level.

✪ You can also gain entry to this course through our C990 Life Sciences foundation programme.

Human Biology and Health

Modern biology is providing huge benefits to human health, from the prevention or treatment of once deadly diseases, to an increased awareness of general health and wellbeing. Our Human Biology and Health scheme capitalises on the passion and expertise of IBERS' staff, whose inspiring teaching will equip you with a sound conceptual understanding of the main conditions that influence human health in the twenty-first century.

Human Biology and Health students study a range of biological disciplines including physiology, microbiology, immunology and genetics, and couple these with the study of human biomechanics and psychology. Our students also gain an appreciation of how diet, alongside physical activity and regular exercise, plays a significant role in maintaining health and wellbeing. This unique blend of subject matter ensures that our students 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 relevance 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,

Key Facts

Degree type: BSc

UCAS code: C194 (C195 with integrated year in industry)

Duration: 3 years (C195 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Biochemistry	p57, p76
Biology	p58, p76
Genetics	p64
Genetics and Biochemistry	p65
Life Sciences	p67
Microbiology	p69, p76
Sport and Exercise Science	p71

along with computer-based digital video and a force plate to allow sophisticated analysis of movement

Your future

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. This scheme is also a solid foundation for postgraduate research at Masters and PhD level.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.



Life Sciences

Our Life Sciences foundation year is specifically designed to provide an alternative route into higher education to study one of our biological sciences degrees. You may be eligible for the 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 foundation year consists of a fully integrated programme of lectures, practicals, workshops and tutorials in biology and associated subjects. This combination will provide you with the knowledge and skills needed to progress into the first year of one of our degree schemes. The course is taught by staff from within the Institute.

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.

Your future

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

Degree type: BSc

UCAS code: C990

Duration: 4 years

Typical offer: Available to candidates without formal qualifications who have suitable background education, experience and motivation

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Biochemistry	p57, p76
Biology	p58, p76
Ecology	p60
Equine and Veterinary Bioscience	p61
Equine Science	p62
Genetics	p64
Genetics and Biochemistry	p65
Human Biology and Health	p66
Marine and Freshwater Biology	p68, p76
Microbiology	p69, p76
Plant Biology	p70
Veterinary Biosciences	p72
Wildlife Conservation	p73
Zoology	p74, p76



Marine and Freshwater Biology

Situated on the coast of Cardigan Bay we have easy access to rocky and sandy shores, estuaries of conservation importance as well as near-pristine rivers and lakes. Our two research vessels will allow you to explore the subtidal environments of the bay, which is home to one of the largest resident bottlenose dolphin populations in the UK, while our residential field courses will allow you to study aquatic systems further afield. All of this, along with our modern lecture theatres, well-appointed laboratories and marine and freshwater aquariums will provide an inspiring and transformative learning experience.

During your Marine and Freshwater Biology degree you will be introduced to a range of marine and freshwater species and ecosystems to better understand their biology and ecology. You will also explore the impacts that humans are having on marine and freshwater ecosystems and how they can be managed and protected into the future. We will, therefore, provide you with the skills, knowledge and passion to succeed in this important and rapidly evolving field.

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

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



Key Facts

Degree type: BSc

UCAS code: C164 (C166 with integrated year in industry)

Duration: 3 years (C166 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Biology	p58, p76
Ecology	p60
Life Sciences	p67
Marine and Freshwater Biology	p76
Microbiology	p69, p76
Plant Biology	p70
Wildlife Conservation	p73
Zoology	p74, p76

Your future

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. This scheme also frequently leads to postgraduate research at Masters and PhD level.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

✦ In addition, we offer a 4-year Integrated Masters scheme in Marine and Freshwater Biology which you can opt to enter directly (see page 76). Dependent on their marks, students on the 3-year BSc Marine and Freshwater Biology scheme have the opportunity to transfer to the 4-year Integrated Masters scheme at the end of their second year.

"The close proximity to marine and freshwater environments makes the University a wonderful playground for aquatic biologists to develop their skills."

Helen Hayes, graduate

Our 10 metre research vessel, Taliesin



Microbiology

The role of microbes in infectious diseases of humans (e.g. MRSA, Ebola and influenza), and other animals and plants, is well-known but we can also use microbes to make antibiotics and other drugs to improve our health. On an environmental level, the world could not function without microbes to recycle the nutrients from dead plant and animal material. Microbes have also proved to be among the best experimental subjects with which to study basic biological phenomena common to all organisms.

On our Microbiology degree we explore the molecular and physiological aspects of microbes in the wide variety of clinical and environmental niches that they occupy. We are committed to unlocking your potential by developing your understanding of biological sciences whilst allowing you to specialise and gain unique skills in microbiology.

Specialist opportunities at Aberystwyth for Microbiology students include:

- extensive research and teaching labs equipped with the latest state-of-the-art 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
- expertise in microbiology including bioterrorism, animal-microbe interactions, epidemiology, biofuels, brewing, and extreme environment microbiology

Your future

The aim of the Microbiology course at Aberystwyth is to provide our graduates with an understanding of the key concepts and principles of modern microbiology and their applications in medicine and industry (including the food and pharmaceutical industries), diagnostic laboratories and in the field (including environmental monitoring).



Key Facts

Degree type: BSc

UCAS code: C500 (C502 with integrated year in industry)

Duration: 3 years (C502 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Science	p53
Biochemistry	p57, p76
Biology	p58, p76
Genetics	p64
Genetics and Biochemistry	p65
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Microbiology	p76
Plant Biology	p70
Veterinary Biosciences	p72
Zoology	p74, p76

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

✦ In addition, we offer a 4-year Integrated Masters scheme in Microbiology (see page 76), which you can opt to enter directly. Dependent on their marks, students on the 3-year BSc Microbiology scheme have the opportunity to transfer to the 4-year Integrated Masters scheme at the end of their second year

"A lot of the theoretical knowledge and research skills I gained through my BSc degree comes in handy at my day-to-day work."

Julia, graduate



Plant Biology

Plants provide an essential foundation for life on Earth, the food we eat, and the productivity and diversity that supports the natural environment. At Aberystwyth, our degree enables you to study all aspects of plant life, from the molecular to the landscape levels, whilst also examining global issues relating to plants.

Our innovative degree guides you to 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. At Aberystwyth you will benefit from our botany gardens and many fieldwork opportunities, including the possibility of studying 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 (NPPC) 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



Key Facts

Degree type: BSc

UCAS code: C200 (C202 with integrated year in industry)

Duration: 3 years (C202 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Biochemistry	p57, p76
Biology	p58, p76
Ecology	p60
Genetics	p64
Genetics and Biochemistry	p65
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Microbiology	p69, p76
Wildlife Conservation	p73

Your future

Career opportunities for plant scientists are truly excellent, with many jobs and few trained scientists in this area. IBERS 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.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.

“The course is great; I get to cover a large range of topics which allows me to tailor my modules to my own tastes, so I can make my degree course fit my interests and needs.”

Elizabeth, graduate



Sport and Exercise Science

Sport and exercise science concerns the scientific analysis of how the human body moves, exercises and performs sport. Its aim is to improve human health and function, prevent disease or injury or increase athletic performance.

We will support you as you develop an understanding of core concepts in sport and exercise science, and encourage you to think creatively. You will explore 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. Your studies will prepare you to support athletes, promote physical activity and health and deliver exercise programmes. You will also develop research, data analysis, personal and employability skills that will give you the best opportunity to succeed in your future career.

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 and British Association of Sport and Exercise Science (BASES) accredited

Key Facts

Degree type: BSc

UCAS code: C600 (C602 with integrated year in industry)

Duration: 3 years (C602 is 4 years)

Typical offer: BBC/112 points

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Biochemistry	p57, p76
Biology	p58, p76
Genetics	p64
Genetics and Biochemistry	p65
Human Biology and Health	p66
Microbiology	p69, p76

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

Your future

Some of our previous students have developed careers in the NHS (as GPs, cardiac technicians, physiotherapists), Ministry of Defence (research scientist), professional sport (Bournemouth and Coventry City football clubs, Llanelli Scarlets RFC) and an increasing number use the skills they developed as students to set up their own businesses.

🌱 You can also gain entry to this course through our C990 Life Sciences foundation programme.

“The Sport and Exercise Science degree provides students with the best possible opportunity to develop a future career in professional sport.”

Rostislav, graduate



Veterinary Biosciences

Veterinary Biosciences is dedicated to the biology that underpins veterinary medicine. Humans rely on animals for food production, textiles and companionship. Therefore, the study of their health and wellbeing is of vital importance. Additionally, the links between veterinary and human diseases (such as avian influenza, salmonella and Ebola virus) make knowledge of domestic and wild animal diseases crucial to the future improvement of human health globally.

During your studies, expert researchers and veterinary practitioners will combine modern molecular, cellular and physiological aspects to help you understand the biology of farm animals, pets, horses and wild animals. With this knowledge you will be well-prepared for work in the animal health sector and inspired to tackle the challenges of the future, including drug resistant pathogen evolution, the effects of intensified farming and the care of aging companion animals.

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

Degree type: BSc

UCAS code: D906 (D907 with integrated year in industry)

Duration: 3 years (D907 is 4 years)

Typical offer: BBB-ABB/120-128 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Biochemistry	p57, p76
Biology	p58, p76
Equine and Veterinary Bioscience	p61
Equine Science	p62
Genetics	p64
Genetics and Biochemistry	p65
Life Sciences	p67
Microbiology	p69, p76
Zoology	p64, p76

Your future

There is a growing market for graduates with skills and specialist knowledge gained on veterinary biosciences degrees. Our graduates are well-placed to gain employment in a range of careers such as veterinary research, civil service, charity advocacy, teaching, as well as research in the pharmaceutical and agricultural industries.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

"Studying Veterinary Biosciences has opened my eyes to new opportunities and allowed me to expand my ambitions for the future. You become part of a community of equally inspired peers and mentors that help you develop as a science professional and a person."

Sarah, student

Wildlife Conservation

Global biodiversity is under threat from climate change, habitat loss and fragmentation, invasive species, and emergent pathogens, among others. Now, more than ever, active conservation is based on the application of scientific research and is essential to the preservation of species, habitats and ecosystems.

On our Wildlife Conservation degree you will explore the scientific knowledge and ecological concepts that must underpin the conservation of flora, fauna and habitats. We will support you as you 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 be inspired with the importance of conserving biodiversity at a range of scales, from genetic diversity to entire biomes.

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

Key Facts

Degree type: BSc

UCAS code: C183 (C184 with integrated year in industry)

Duration: 3 years (C184 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Biology	p58, p76
Countryside Management and Conservation	p59, p76
Ecology	p60
Genetics	p64
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Plant Biology	p70
Zoology	p64, p76

Your future

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.

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.



Zoology

Zoology is the science of animal life, whether it be microscopic or massive, aquatic or terrestrial; from the smallest parasitic worms, through the ubiquitous and diverse insects, to the majestic great whales. Our research-active teaching team will support you as you develop expertise in animal diversity, evolution, behaviour, anatomy and ecology, allowing you to understand how animals live and adapt to their environment.

Thanks to our beautiful seaside location, our students benefit from an extensive array of coastlines, estuaries, woodlands, and hills that provide exceptional habitats for wildlife and are within easy reach of Aberystwyth. The surrounding area supports rare insects, wildfowl, waders, red kite and cough. Cardigan Bay is renowned for its seabird populations and mammals such as grey seal, bottlenose dolphin and harbour porpoise.

Specialist opportunities at Aberystwyth for Zoology students include:

- aquarium systems for marine and freshwater organisms
- a museum of historic zoological and botanical specimens
- an array of internationally important habitats and species within the area
- application of molecular techniques including DNA extraction, sequencing and analysis

Your future

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. Some graduates have continued into veterinary school or on to further study at Masters or PhD level.



Key Facts

Degree type: BSc

UCAS code: C300 (C302 with integrated year in industry)

Duration: 3 years (C302 is 4 years)

Typical offer: BBC-BBB/112-120 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Biochemistry	p57, p76
Biology	p58, p76
Ecology	p60
Genetics	p64
Life Sciences	p67
Marine and Freshwater Biology	p68, p76
Microbiology	p69, p76
Veterinary Biosciences	p72
Wildlife Conservation	p73
Zoology	p76

✦ You can also gain entry to this course through our C990 Life Sciences foundation programme.

✦ In addition, we offer a 4-year Integrated Masters scheme in Zoology (see page 76), which you can opt to enter directly. Dependent on their marks, students on the 3-year BSc Zoology scheme have the opportunity to transfer to the 4-year Integrated Masters scheme at the end of their second year.

100%

student satisfaction for our C300 Zoology degree scheme (NSS 2017)



Integrated Masters schemes (MBiol)

MBiol Biochemistry	(C709)
MBiol Biology	(C109)
MBiol Marine and Freshwater Biology	(C169)
MBiol Microbiology	(C509)
MBiol Zoology	(C309)

Our Integrated Masters schemes offer you the opportunity to combine a BSc with an extra year of study to graduate with a Masters qualification. These degrees will enable you to develop the breadth and depth of knowledge required to pursue a career as a professional scientist.

During their final year of study, Integrated Masters students have the opportunity to apply their subject-specific knowledge and understanding to a major scientific research project, whilst also studying modules taught by our enthusiastic staff that 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 state-of-the-art 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 project embedded within one of several pioneering research groups

Key Facts

Degree type: MBiol

Duration: 4 years

Typical offer:

C709: BBB-ABB/120-128 points with B in Chemistry and B in Biology or Human Biology

C109, C169, C509, C309: BBB-ABB/120-128 points with B in Biology or Human Biology

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Biochemistry	p57
Biology	p58
Marine and Freshwater Biology	p68
Microbiology	p69
Zoology	p74

Integrated Masters

These degrees enable you to secure a loan for the full duration of the course, rather than having to fund a Masters degree separately - see p179

Your future

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.



Agriculture (Foundation)

Agriculture is a vocation and a way of life. We are committed to offering you 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.

Topics covered include agronomy and crop improvement, farm management, food farming and the environment, animal production and nutrition, giving you the skills, knowledge, and confidence to achieve your career goals. 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 on to one of our agriculture degree schemes.

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

- an integral assessed period of work experience of either 8 weeks on D402, or 9 months on D403. The 9 month placement allows travel further afield as well as in the UK (recent placements include Australia, New Zealand, the USA and mainland Europe)
- East Anglia study tour to visit leading UK arable and livestock farmers
- access to world-leading scientists at the Gogerddan campus, demonstrating the practical implications of plant breeding, biofuels and animal products

Key Facts

Degree type: Foundation

UCAS code: D402 (D403 with integrated year in industry)

Duration: 2 years (D403 is 3 years)

Typical offer: CC-DDD/64-72 points

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Agriculture	p52
Agriculture with Animal Science	p53
Agriculture with Business Management	p54

Foundation

This degree provides another entry route on to BSc Agriculture or a related degree - see p179

Your future

This degree will prepare you for a range of agriculture-related careers, such as farm and enterprise management, technical and advisory services, rural diversification with agricultural, food production or manufacturing enterprises, and research and development.

✦ Upon successful completion of this degree, you may progress on to the final year of one of our Agriculture honours degree schemes provided you have met the required entry qualifications.



Countryside Management and Conservation (Foundation)

Join our inspiring lecturers as they guide you through this stimulating vocational course. We will give you the knowledge, skills and experience you need to gain work in the countryside management and conservation industries. On this course you will study a broad range of subjects including countryside recreation and visitor management; habitat, species, and site management; and the use of GIS at a landscape and regional level.

We understand the importance of seeing and applying concepts in the real-world, so we offer you the chance to learn practical skills in the field. You will also have the opportunity to gain work experience, either by studying the course in two years with six weeks of work experience, or in three years with nine months of work experience. The skills and experience you'll gain from your work experience will increase your employability and reinforce what you have learnt on the course.

Specialist opportunities at Aberystwyth for Countryside Management and Conservation (Foundation) students include:

- a beautiful and diverse local landscape providing a range of different habitats, from mountains and moorlands, to lakes, estuaries, and the sea
- national parks, national nature reserves, a heritage coast, and Special Areas of Conservation all within easy reach
- a study tour in the first and second years of study

Key Facts

Degree type: Foundation

UCAS code: D440 (D4C1 with integrated year in industry)

Duration: 2 years (D4C1 is 3 years)

Typical offer: CC-DDD/64-72 points

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Countryside Management and Conservation	p59
Ecology	p60
Wildlife Conservation	p73

Foundation

This degree provides another entry route on to our BSc Countryside Management and Conservation degree – see p179

Your future

Our graduates have gone on to employment as countryside estate workers, rangers and wardens, access officers, conservation officers, community workers, environmental interpreters and educators. Organisations employing these types of staff include national parks, the National Trust, Natural Resources Wales, the Forestry Commission, and local authorities. Within the industry we are considered to provide an excellent grounding for entry into a conservation or countryside management career. You frequently see our students on the BBC's *Countryfile*!

✦ Upon successful completion of this degree, you may progress on to the final year of BSc Countryside Management and Conservation providing you have met the required entry qualifications.

Students studying the management of Cwm Idwal National Nature Reserve.



Equine Studies (Foundation)

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 a sound practical and scientific knowledge that will underpin your career in the equine industry. Work experience is a component of the course, giving you a first-hand opportunity to apply theory in a practical context.

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
- our equine teaching centre, which is a British Horse Society 'Where to train' centre allowing you to study for your BHS qualifications, from stage 1, alongside your course

Your future

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

Degree type: Foundation

UCAS code: D324

Duration: 2 years

Typical offer: CC-DDD/64-72 points

Department: Institute of Biological, Environmental and Rural Sciences (IBERS)

Related courses:

Animal Behaviour	p55
Animal Science	p56
Equine and Veterinary Bioscience	p61
Equine Science	p62
Equine Studies	p63

Foundation

This degree provides another entry route on to our BSc Equine Studies or related programs – see p179

✦ Successful completion of this degree at merit level or above will enable you to progress on to BSc Equine Studies (1-year top-up course), or to the second year of BSc Equine Science or BSc Equine and Veterinary Bioscience.

“What I love about Equine Studies is that I've learned to ride all kinds of horses and to take what I know and adapt my riding style to suit each individual horse. Great course!”

Jessica, graduate





DEPARTMENT OF COMPUTER SCIENCE

Artificial Intelligence and Robotics	p81
Business Information Technology	p82
Computer Graphics, Vision and Games	p83
Computer Science	p84, p90
Computer Science and Artificial Intelligence	p85
Data Science	p86
Internet Computing and Systems Administration	p87
Robotics and Embedded Systems Engineering	p88, p90
Software Engineering	p89, p90

We are one of the longest established departments of computer science in the UK. Our commitment to our students has helped us build an outstanding reputation amongst employers for producing innovative and forward-thinking graduates. We are proud of our recent graduates and their achievements - 95% of them entered work at professional level, 15% more than Computer Science graduates nationally (HESA 2017* see page 204).

Our strong links with major international companies offer our graduates and students the opportunity to work all over the world, producing cutting-edge research and exceeding their career goals. We have hosted the annual iOSDevUK conference for seven years, where hundreds of iPhone programmers from around the globe gather at Aberystwyth to hear from world experts on building software for iPhone and Apple Watch. We also hold an industrial year preparation weekend, with input from major employers and an annual careers fair. Such meetings allow you to meet and network with passionate leaders in the computer science fields.

The BCS, the Chartered Institute for IT, accredit all our established single honours degree schemes. We are applying for accreditation for our new Robotics and Embedded Systems Engineering scheme. The first year of our degree schemes provides you with a common foundation, whether you have studied computing before or not. Programming languages, use of operating systems and hardware are taught in an accessible and engaging way appropriate to your background. For details on the other years, see individual schemes and our website.

Our Department

The Department is well-known for its innovative research with real-world applications. It has been rated as producing more world-leading and internationally excellent research than any other computer science department in Wales (REF 2014). Our staff and students are proud to be part of such an internationally high achieving organisation specialising in fields such as Artificial Intelligence, Robotics, Space Science, Bioinformatics, Computer Vision and Software Engineering.

Our Department is equipped with modern technology and teaching spaces, that includes a number of teaching laboratories with modern Windows, MacOS, Linux and dual-boot workstations, an electronics laboratory and robotics laboratory. Departmental research equipment includes mobile robots, sailing robots and manipulator arms, vision, VR and motion-tracking systems.

There are around 800 PCs located throughout the campus, including our own building, the main library, and the student halls of residence. All are connected to the internet, many are open until late and some are open 24 hours a day.

The year in industry

For students on the BEng and MEng Software Engineering schemes, an integrated year in industry is a compulsory part of the degree. Other single honours students may elect to take an integrated year in industry, and we encourage you to do so. By the time you have finished your second year you will already know enough computer science to be very useful to many businesses, so finding a placement is not difficult and help is provided by the Department. Our graduates and industrial year students are eagerly sought by employers.

Studying through the medium of Welsh

You can study up to 130 credits through the medium of Welsh in computer science over three years, where lectures are in English, but support is provided by Welsh tutorials and materials. Our provision is supported by the Coleg Cymraeg Cenedlaethol, which also offers scholarships (www.colegcymraeg.ac.uk). There are normally opportunities for undertaking your industrial year placement in Welsh.

Artificial Intelligence and Robotics



Key Facts

Degree type: BSc

UCAS code: GH76 (GH7P integrated year in industry)

Duration: 3 years (GH7P is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Computer Science	p84, p90
Computer Science and Artificial Intelligence	p85
Robotics and Embedded Systems Engineering	p88, p90
Space Science and Robotics	p161

Artificial Intelligence and Robotics are linked by the desire to create artificial systems, and this has been increasingly commercialised by industry to become more and more in demand. At Aberystwyth we strive to develop your knowledge of the underlying technologies, as well as vocational skills involved with Intelligence and Robotics. The degree will give you a firm foundation in programming, software design and computer architecture; and you'll also specialise in the theory of artificial intelligence and robotics, the development of practical applications, and tools that assist development. This opens up many pathways for our graduates and creates a dynamic learning environment in which our students can discover their potential.

At Aberystwyth Artificial Intelligence and Robotics 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, flying robotic platforms

Your future

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 artificial intelligence; medical robotics; programming of softbot applications for commercial problems; and intelligent robotic design and programming.



Business Information Technology



Key Facts

Degree type: BSc

UCAS code: G500 (G501 with integrated year in industry)

Duration: 3 years (G501 is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Computer Science	p84, p90
Internet Computing and Systems Administration	p87

In choosing to study this Business Information Technology degree you'll be immersing yourself in the ways in which professionals manipulate 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 quickly 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 Business Information Technology 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, HCI, and e-commerce

Your future

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 IT into business problem solving, providing database and web-enabled commercial solutions, and supporting IT users.

🔗 **This course is also available with an integrated foundation year (G50F), which provides a gentle introduction to computing focusing on basic skills.**



Computer Graphics, Vision and Games



Key Facts

Degree type: BSc

UCAS code: G450 (G451 with integrated year in industry)

Duration: 3 years (G451 is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Computer Science	p84, p90
Software Engineering	p89, p90

The terms 'Computer Graphics', 'Vision' and 'Games' cover a wide range of topics within the computing industry and the modern world. Technical developments in academia and availability of data capture devices are helping to generate a strong demand for specialist computer science graduates in these areas. Specific applications include games development, generation of movie and advertisement special effects, image understanding, geometry processing, computer aided design, additive manufacturing, phenotyping of crops, digital preservation of historical relics, automatic driving, and industrial quality control.

At Aberystwyth our staff actively research in all of 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. We strive to create world-class ideas to stimulate and enthuse you.

At Aberystwyth our Computer Graphics, Vision and Games students have access to:

- regularly updated laboratories providing access to a full range of computing environments including MacOS, Linux and Windows

- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems and a VR laboratory
- access to lecturing staff who are active in computer vision research and specialise in the areas of this degree

Your future

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.



Computer Science

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 out by employers in this industry.

At Aberystwyth our Computer Science 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 state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems

Your future

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

Degree type: BSc

UCAS code: G400 (G401 with integrated year in industry)

Duration: 3 years (G401 is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Artificial Intelligence and Robotics	p81
Business Information Technology	p82
Computer Graphics, Vision and Games	p83
Computer Science	p90
Computer Science and Artificial Intelligence	p85
Data Science	p86
Internet Computing and Systems Administration	p87
Robotics and Embedded Systems Engineering	p88, p90
Software Engineering	p89, p90
Space Science and Robotics	p161

Available with...

You can study this subject with... (joint honours): Mathematics, Physical Geography, Physics, and Welsh. For more information see page 180.

🔗 **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 main degree schemes.**

🔗 **This course is also available as a 4 year MComp (G409) or 5 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 page 90.**

"I found the degree varied and open, allowing me to discover what I enjoyed most out of Computer Science, and truly work out what I want to do after I graduate."

Jon Shire, Taunton, Somerset



Computer Science and Artificial Intelligence



Key Facts

Degree type: BSc

UCAS code: GG4R (GG47 with integrated year in industry)

Duration: 3 years (GG47 is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Artificial Intelligence and Robotics	p81
Computer Science	p84, p90
Data Science	p86
Robotics and Embedded Systems Engineering	p88, p90
Space Science and Robotics	p161

Artificial Intelligence (AI) explores artificial systems that can do things that are normally regarded as requiring intelligence. In recent years, AI techniques have become commonplace 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.

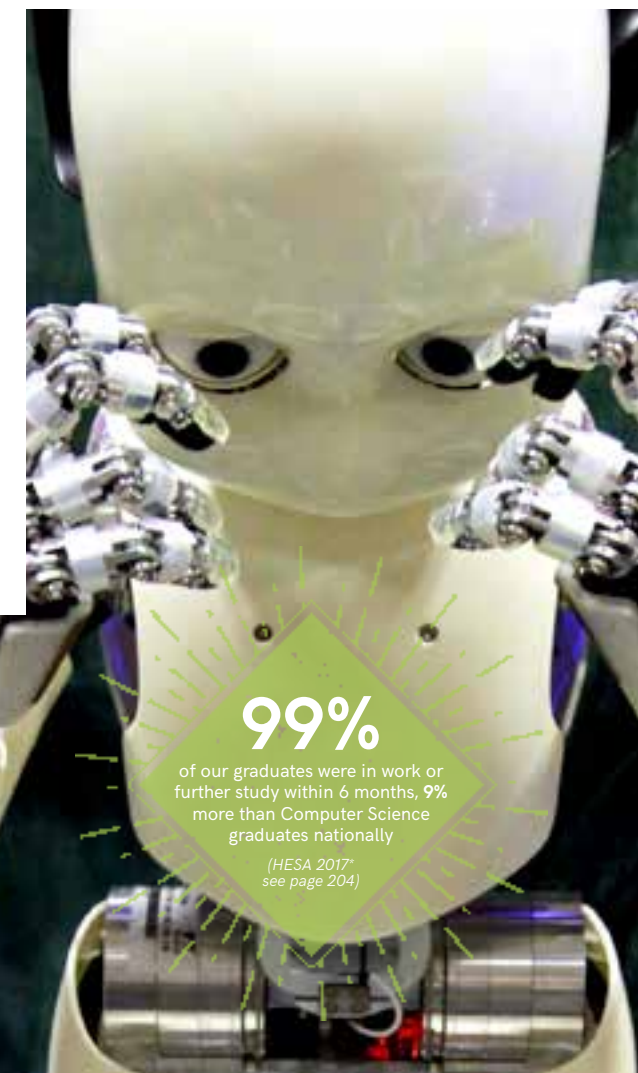
At Aberystwyth our Computer Science and Artificial Intelligence students have access to:

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

Your future

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.

The iCub is a humanoid robot, developed under the RobotCub Project, and is equipped with visual, vestibular, auditory, haptic, proprioceptive, and torque sensors



Data Science

Data Science is an exciting new discipline where computing and mathematics meet, that 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 Data Science 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 specialities include statistics, data analysis and mathematical modelling

Key Facts

Degree type: BSc

UCAS code: 7G73 (7G74 with integrated year in industry)

Duration: 3 years (7G74 is 4 years)

Typical offer: BBB/120 points with B in Maths

Department: Department of Computer Science

Related courses:
 Computer Science p84, p90
 Mathematics p146
 Software Engineering p89, p90

Your future

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.



Internet Computing and Systems Administration



Key Facts

Degree type: BSc

UCAS code: H602 (H603 with integrated year in industry)

Duration: 3 years (H603 is 4 years)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:
 Business Information Technology p82
 Computer Science p84, p90

The Internet is of central importance to the strategies of many large organisations. There is a huge demand for graduates with the skills to construct effective internet applications to meet modern business needs. We combine practical training in building websites to professional standards with study of the commercial, legal and technical context in which the internet operates. This can be supported further by an optional year in industry to help you develop the desirable skills employers look for.

At Aberystwyth our Internet Computing and Systems Administration 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

Your future

This scheme produces graduates with a good understanding of website design and the computing that is required to develop and maintain a modern site, as well as a strong grounding in systems administration. 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.



During your first year you will take part in a residential activity weekend to learn about team building and working together. You will collaborate on group tasks and make friends for the years ahead.

Robotics and Embedded Systems Engineering

This innovative course is concerned with building physical systems involving software, electronics, sensors and actuators. 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 a firm foundation in computing skills, specialised skills in robotics, Artificial Intelligence and systems engineering, our optional year in industry is a crucial way to gain practical experience of applying the skills acquired in the first two years of study, that will help you stand out from others in the industry.

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

Your future

Graduates will have a strong background in computing that should 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.

Key Facts

Degree type: BEng

UCAS code: 132A (132B with integrated year in industry)

Duration: 3 years (132B is 4 years)

Typical offer: BBC/112 points with B in Maths (required) and Physics (recommended)

Department: Department of Computer Science

Related courses:

Artificial Intelligence and Robotics	p81
Computer Science	p84, p90
Engineering Physics	p156
Robotics and Embedded Systems Engineering	p90
Software Engineering	p89, p90
Space Science and Robotics	p161

⚙️ **This course is also available as a 4 year MEng (132C) or 5 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 Master degree separately. See page 90.**



Software Engineering



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, and you will also develop specialised skills in graphics and visualisation, artificial intelligence, robotics, telematics and mobile computing. We strive to ensure that you're ready for a prosperous career, so give yourself the opportunity by taking a year in industry - challenge yourself and create invaluable networking connections.

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.

Key Facts

Degree type: BEng

UCAS code: G600

Duration: 4 years (with integrated year in industry)

Typical offer: BBC/112 points

Department: Department of Computer Science

Related courses:

Computer Science	p84, p90
Robotics and Embedded Systems Engineering	p88, p90
Software Engineering	p90

⚙️ **This course is also available as a 5 year MEng (G601). Integrated Masters enable you to secure a loan for the full duration of your course, rather than having to fund a Masters degree separately. See page 90.**

“One of my favourite things about the course here at Aberystwyth is the emphasis on practical skills. Being a confident programmer has helped develop my confidence, both technically and personally.”

Ben Cooper, student



Integrated Masters Schemes

MComp Computer Science	(G409)
MComp Computer Science with integrated year in industry	(G419)
MEng Robotics and Embedded Systems Engineering	(132C)
MEng Robotics and Embedded Systems Engineering with integrated year in industry	(132D)
MEng Software Engineering with integrated year in industry	(G601)

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

Software Engineering 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. This opens opportunities for you to unlock your potential for further study or the professional workplace.

Key Facts

Degree type: MEng or MComp

Duration: 5 years (4 years for 132C, G409)

Typical offer:
G409, G419, G601: AAB/136 points
132C, 132D: AAB/136 points with A in Maths and B in Physics

Department: Department of Computer Science

Related courses:

Computer Science	p84
Robotics and Embedded Systems Engineering	p88
Software Engineering	p89

Integrated Masters

These degrees enable you to secure a loan for the full duration of our course, rather than having to fund a Masters degree separately - see p179

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
- access in the final year to the Postgraduate Centre, a quiet study hub for postgraduate students
- lecturers with close links to the software industry and cutting-edge research
- state of the art research equipment, including mobile robots, manipulator arms, and vision and motion tracking systems

Your future

Our graduates are eagerly sought by employers, particularly with a Masters-level qualification. 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.





SCHOOL OF EDUCATION

Childhood Studies	p94
Education	p95

At the School of Education we lead by example and believe that education should be inspiring and creative to stimulate students' minds. Our courses, along with the School's supportive and inclusive atmosphere, have ensured that 98% of our students are satisfied with the courses within the School (NSS 2017). What's more, the knowledge and skills gained during their studies have enabled 100% of our recent graduates to go on to full-time employment or further study (HESA 2017* see page 204). We constantly review our students' learning experiences to promote critical thinking and encourage original responses.

We are committed to serving the educational, cultural, linguistic and social needs of our inclusive community and highly value collaboration with schools, unitary authorities and independent providers in the UK, Europe and the wider world to create partnerships that benefit you and the community.

Our School

The School is located in P5 building, at the top of Penglais campus. All teaching rooms are equipped with the latest technology, and we use the University's virtual learning environment (Blackboard) to provide you with sound recordings of lectures, and other resources to help you with your studies - from reading lists to careers opportunities.

Your future

Our courses are ideal for students who wish to pursue a career in social work or any educational setting including administrative posts within educational institutions or local education authorities, educational journalism, charities and student counselling or welfare. Most of our courses will give you the option to study a PGCE at primary or secondary level.

Assessment

Whilst studying for a degree at the School, you will be assessed through a variety of methods, including reports, portfolios, reflective diaries, posters, presentations and games, as well as traditional essays and exams.

Studying through the medium of Welsh

You can study core modules through the medium of Welsh, and all assignments and exams can be written in Welsh. Every piece of work written in Welsh is marked by Welsh-speaking tutors. Some modules taught in English also have Welsh medium seminar groups, which enable you to discuss your studies in small groups. Some of our joint degree courses offer 80 credits a year through the medium of Welsh and are eligible for the Coleg Cymraeg Cenedlaethol's Main Scholarship. Our joint honours courses that are available completely through the medium of Welsh are also eligible for the William Salesbury Scholarship.



**TOP 5
IN THE UK**

for teaching quality for the
subject of Education and for
student experience

*(The Times and Sunday
Times Good
University Guide
2018)*

Childhood Studies

The childhood years are crucial to later learning and development. At Aberystwyth we are committed to giving you the skills and expertise needed to excel in child-related professions. We explore 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.

The course focuses on theoretical aspects of the subject but we also offer you the opportunity to undertake some hands-on, practical experience in placements (one short, one longer) to gain observational experience of work within an educational/childhood setting. Whatever your career aim, this experience can be invaluable.

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
- studying in an established department with excellent student support systems
- module choices which enable you to specialise in areas which interest you

Key Facts

Degree type: BA

UCAS code: X320

Duration: 3 years

Typical offer: CCC/96 points

Department: School of Education

Related courses:
Education p95

- our Employability Co-ordinator 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

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

"We don't just write essays and do exams we also get the chance to make board games, posters and write portfolios on our placements."

Emily, student

98%

student satisfaction for our X320 Childhood Studies degree scheme

(NSS 2017)

Education

Available either as single honours or as a major, joint, or minor combination, our Education degrees combine the best that the School of Education has to offer with the option to study in other academic departments, providing a choice of varied and interesting schemes of study.

Education explores 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.

An Education degree is also an ideal basis for entry to PGCE teacher education programmes. If you are thinking of secondary teaching, you will need to study a teaching subject for at least half of your degree (joint honours, or major in a teaching subject). Students with Education as the major subject can apply for Primary PGCE only.

Specialist opportunities at Aberystwyth for Education students include:

- the chance to study a favourite subject alongside Education
- specialist subject librarians in both departments to support you in your studies
- a personal tutor in each department
- our Employability Co-ordinator 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 subject

Available with...

You can study this subject with... (joint honours): Drama and Theatre Studies, English Literature, Fine Art, History, Irish Language and Literature, Mathematics, Psychology and Welsh. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: X302

Duration: 3 years

Typical offer: BBC/112 points

Department: School of Education

Related courses:
Childhood Studies p94

"The staff in the department are friendly, helpful and provide much guidance throughout the course. They go above and beyond to ensure that you are on top of your assignments and that you are comfortable with all aspects of university life."

Beth, student

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

100%

of our graduates were in work or further study within 6 months, 3% more than Education graduates nationally

(HESA 2017; see page 204)



DEPARTMENT OF ENGLISH AND CREATIVE WRITING

Creative Writing	p97
English Literature	p98
English Literature and Creative Writing	p99

The Department of English and Creative Writing at Aberystwyth delivers an outstanding student experience – our students are some of the happiest and the best taught undergraduates in the country. We are proud to be in the top 10 in the UK for teaching quality and student experience in English (*The Times and Sunday Times Good University Guide 2018*). As the internationally renowned “cultural capital” of Wales, Aberystwyth is a truly exceptional place to study. Not only is the University situated in one of the most attractive landscapes in the UK, it also offers excellent academic resources and learning opportunities.

Our Department offers you flexible courses that combine tradition and innovation, breadth and depth. From Chaucer to Twitter, the writing we produce and the texts we encounter have informed and challenged generations of readers. Literature has the power to effect genuine change, and at Aberystwyth you can channel your own passion for reading and writing, making your own contributions to our literary heritage and to the literature of the future.

Our Department

The Department is well served by the University library which, above and beyond the usual array of scholarly and critical editions, houses a fascinating collection of rare books that are a delight to anyone interested in reading and the art of textual production. We also have one of the biggest libraries in the world, the National Library of Wales, on our doorstep – one of only five copyright institutions entitled to receive a copy of every book published in the UK.

The Department is also home to *New Welsh Review* – Wales’ foremost literary magazine – and the *International Journal of Welsh Writing in English*. Through these affiliations we offer exciting opportunities for our students to get involved in a variety of writing and publishing activities, internships, and training opportunities.

Your future

Our prestigious programmes deliver exceptionally high-quality teaching ensuring that your talents will be fostered and nurtured enabling you to develop fantastic career prospects suited to a wide range of coveted employment destinations. Our students have gone on to succeed across the broadest possible range of graduate career destinations. Recent graduates have signed to some of the UK’s major literary agents and have published with some of the world’s most prestigious publishing houses, including Faber & Faber and Penguin. Every year the Department organises guest lectures and workshops, which involve a range of well-known writers, scholars, and industry professionals from around the world. Amongst those who have visited recently are: columnist and critic Caitlin Moran; writer and public intellectual Germaine Greer; Poet Laureate Carol Ann Duffy and National Poet of Wales Gillian Clarke; novelists Niall Griffiths, Gareth L Powell, and Sarah Hall; and the popular vlogger and current social media manager for Vintage, Leena Normington.

Additional opportunities

In their final year our students benefit from an annual writing retreat at a beautiful country manor house in rural west Wales. This immensely popular event allows our students to enjoy some peace away from the hustle and bustle of campus life, whilst developing their final year dissertation and creative writing projects. We also publish an annual anthology of our students’ creative and critical work, *AberInk*, which is written, designed and edited by students, showcasing not only their writing but also their skills in a broad range of project management activities – dealing with everything from deadlines, to budget control, to promotional events and beyond.

Assessment

We have designed our courses to enable you to maximise your potential. Whilst you will work mostly in traditional modes (such as the essay), you will also be assessed through other methods, such as portfolios, oral presentations, learning journals and work that explores the creative/critical boundary. This range ensures that you will be fully equipped for the job market with a host of skills and experiences that demonstrate your ability to communicate effectively to a wide range of audiences in a variety of different contexts.

Creative Writing

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. 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 an acute awareness of issues such as tone, structure, genre and function and how to effectively utilise these 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 contemporary poetry, crime fiction, life writing, historical 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 – the premier location for arts events in west Wales

Available with...

You can study this subject with... (joint honours): Drama and Theatre Studies, Film and Television Studies, Fine Art, French, Scenography and Theatre Design, and Spanish. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: W801

Duration: 3 years

Typical offer: BBB-ABB/120-128 points with B in any English-related A level

Department: Department of English and Creative Writing

Related courses:

Creative Arts	p46
English Literature	p98
English Literature and Creative Writing	p99



TOP 10
IN THE UK

for student experience in the subject of Creative Writing

(The Times and Sunday Times Good University Guide 2018)

English Literature

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 cultural history, combining critical thinking with scholarship. Our course encourages you to read widely and to think critically about writing and its contexts, alongside philosophical and political trends that shape the ways we read and write. On completing 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:

- teaching excellence with outstanding results - over three quarters of our students graduated with a 2:1 or 1st class degree
- the opportunity to learn alongside researchers who are recognised internationally for their contributions to knowledge and the furthering of the discipline
- a strong tradition of specialist teaching in the fields of women's writing, literary geography, children's literature, Welsh writing in English, LGBT+ writing, Postcolonial literature, Renaissance drama and Romanticism
- opportunities to work with leading academic publications and cultural institutions such as the *International Journal of Welsh Writing in English* and the *New Welsh Review* - Wales' foremost literary magazine - and Aberystwyth Arts Centre - the premier location for arts events in west Wales



You can study this subject with...
(joint honours): Drama and Theatre Studies, Education, Film and Television Studies, Fine Art, French, History, Human Geography and Spanish.
For more information see page 180.

Key Facts

Degree type: BA

UCAS code: Q300

Duration: 3 years

Typical offer: BBB-ABB/120-128 points with B in any English-related A level

Department: Department of English and Creative Writing

Related courses:

Creative Writing	p97
English Literature and Creative Writing	p99
Liberal Arts	p151

English Literature and Creative Writing

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 past and present writing, 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 to the practice of writing. On completing this course, you will be an outstanding communicator 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 and Creative Writing at Aberystwyth offers you:

- teaching excellence with outstanding results - over three quarters of our students graduated with a 2:1 or 1st class degree
- 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, literary geography, children's literature, Welsh writing in English, LGBT+ writing,

Key Facts

Degree type: BA

UCAS code: QW38

Duration: 3 years

Typical offer: BBB-ABB/120-128 points with B in any English-related A level

Department: Department of English and Creative Writing

Related courses:

Creative Writing	p97
English Literature	p98
Liberal Arts	p151

- 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, 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 - to develop into a creative professional with the underpinnings of a traditional academic discipline





DEPARTMENT OF GEOGRAPHY AND EARTH SCIENCES

Daearyddiaeth	p104
Environmental Earth Science	p101
Environmental Science	p102
Geography	p103, p107
Human Geography	p105, p107
Physical Geography	p106, p107

The Department of Geography and Earth Sciences is one of the largest and most well-respected of its kind in the UK, celebrating its centenary year in 2018.

Aberystwyth offers one of the most picturesque locations in Europe in which to study; the town is an urban centre set on the coast of Cardigan Bay and is surrounded by the beautiful Cambrian Mountains. The area's rich natural beauty offers you the chance to fully immerse yourself in Geography, Earth and Environmental Science. All of our geography degrees are accredited by the Royal Geographical Society (with the Institute of British Geographers), a mark of the true quality and standard we set.

Our Department

At Aberystwyth we offer a range of exciting, contemporary degree schemes across Geography, Earth and Environmental Science. We also offer four-year courses that enable you to study one of our geography degrees while spending a year studying abroad, gaining valuable work experience in a year in industry, or gaining postgraduate-level knowledge and skills in our Integrated Masters schemes.

Our courses are structured around the research which we undertake in the Department. Our lecturers are research innovators, specialising in Quaternary environmental change; glaciology; hydrological processes; geomorphology; remote sensing and GIS; sustainability, urbanisation and rural change; cultural, political and historical geography, as well as applied geology, geo and hydro-chemistry and natural hazards. The excellence of our research was confirmed in the most recent Research Excellence Framework in 2014, with 78% of our research classed as "world-leading" or "internationally excellent". We are also in the top ten of UK geography departments with regard to 'research power', which provides a measure of the quality of research, as well as the number of staff undertaking research within a department.

Facilities

We have a range of analytical instrumentation available to our students, including equipment for sedimentological and geochemical analysis. You will receive training in computer-based data handling and retrieval, statistical analysis, analysis of natural materials, field surveys and social research methods, depending on which course you opt to study. Our main teaching laboratory has recently been refurbished and houses the very latest teaching and learning technology. Furthermore, we have an extensive assortment of field equipment that is available to all students for independent research projects and dissertations.

Fieldwork

Fieldwork features regularly in all of our degree schemes, and includes a free induction trip around north and mid Wales in your first year, and international residential courses in the second or final years of your degrees. Recent destinations have included New Zealand, Crete, Berlin and Ireland (destinations may be subject to change).

We encourage hands-on learning and independent thought, and as such offer numerous Department Travel Awards each year worth up to £400. We also have strong international links with partnership universities across North America and Europe, including the University Centre in Svalbard, where you can experience studying in one of the world's most extreme environments, and see the effects of climate change in the Arctic first-hand.

Your future

Our graduates are highly sought after. The statistics show that 95% of our students were in full-time employment or in further study six months after graduating (HESA 2017* see page 204). Recent graduates have secured positions as geologists, field researchers, environmental consultants, educators and many go on to further study and research.

Studying through the medium of Welsh

In the Department you can study up to 80 credits through the medium of Welsh in each of the three years of an undergraduate degree. Our BSc Daearyddiaeth degree scheme is principally taught in the Welsh language and is eligible for the Coleg Cymraeg Cenedlaethol's (CCC) Main Scholarship. Our Human Geography, Geography, Physical Geography, and Environmental Science schemes are eligible for the CCC Incentive Scholarships (www.colegcymraeg.ac.uk).

Environmental Earth Science

Aberystwyth is surrounded by a great natural laboratory which provides us with some excellent sites for fieldwork, and our state-of-the-art facilities will help you explore core skills in geology and apply these to a wide range of environmental problems. You will be taught field and practical skills which can be applied to solving some of the big issues facing our society such as: pollution from human activities like mining and power production, site investigation for land redevelopment or understanding volcanic eruptions.

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.

Opportunities at Aberystwyth for Environmental Earth Science students include:

- being taught by world-leading researchers
- having access to analytical facilities to support project work;
- free week-long residential field courses, in each year of the degree

Key Facts

Degree type: BSc

UCAS code: F640

Duration: 3 years

Typical offer: BBC/112 points with C in a science subject

Department: Department of Geography and Earth Sciences

Related courses:

Environmental Science	p102
Geography	p103, p107
Human Geography	p105, p107
Physical Geography	p106, p107

"I enjoy the support you get from other students and the teaching staff on the course. Yearly field trips bring everyone on the course together, you get to apply what you've learnt in lectures in the field and spend a week with your fellow students."

Charlotte McKenna, Environmental Earth Science



Environmental Science

Our Environmental Science degree is an engaging course that explores the most important environmental issues of our time. We offer you the unique opportunity to study these issues in an extremely picturesque location, providing you with a fabulous variety of local fieldwork opportunities.

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 and potentially overcome. We pride ourselves on being able to offer you a flexible degree that offers stimulating ways to study Environmental Science and topics beyond. This degree will equip you with the skills, abilities and expertise to face and engage with the environmental challenges facing society today.

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
- a week-long field course is an important part of the second year, and there's the option to take another week-long residential course in your third year
- being taught by world-leading researchers in their respective fields throughout your course

Key Facts

Degree type: BSc

UCAS code: F750

Duration: 3 years

Typical offer: BBC/112 points with C in Biology or Geography

Department: Department of Geography and Earth Sciences

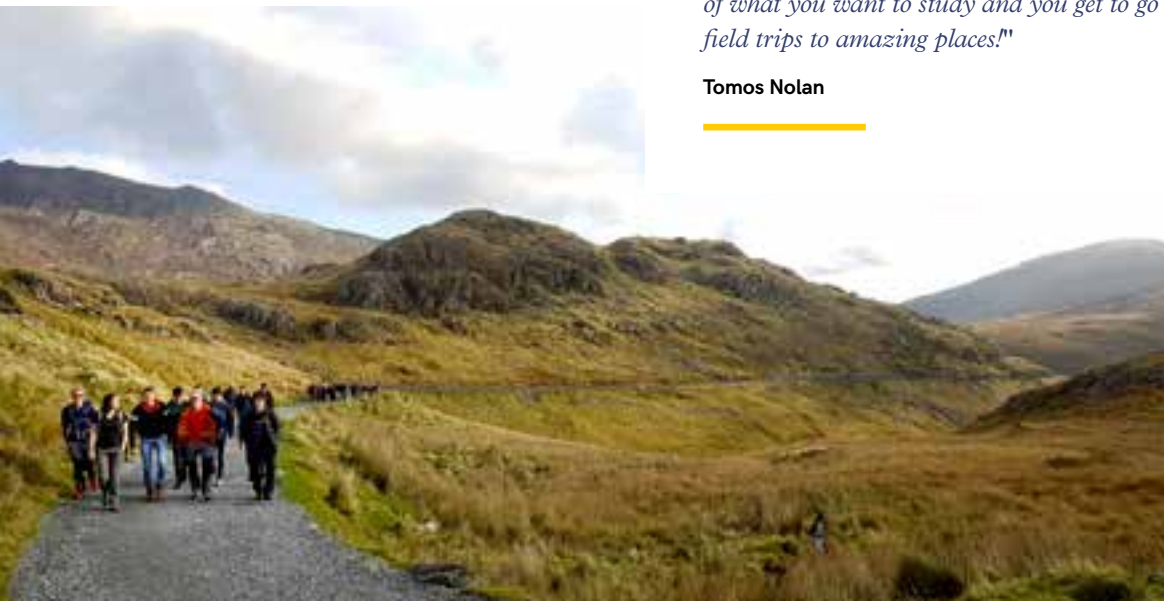
Related courses:

Environmental Earth Science	p101
Geography	p103, p107
Human Geography	p105, p107
Physical Geography	p106, p107



"Environmental Science is an incredibly enjoyable, engaging and exciting course. The module choices are broad so you have the choice of what you want to study and you get to go on field trips to amazing places!"

Tomos Nolan



Geography

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, natural hazards, and sustainability, and also receive specific skills training, for example in remote sensing and 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 and help you to realise your potential. We will equip you with the necessary skills, abilities and expertise to tackle and engage with the challenges facing society today.

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: a free, two-day field course at the beginning of the first year to north and mid Wales. In the second year we offer a range of trips to suit a variety of specialisms and budgets, currently to Ireland (free), Crete, Berlin and New Zealand (all at additional cost). Optional day trips are also embedded in many modules throughout your degree
- being taught by world-leading researchers in their respective fields throughout your course



*Course accredited

Key Facts

Degree type: BSc

UCAS code: F800

Duration: 3 years

Typical offer: BBB/120 points with B in Geography, ABB/128 points without Geography

Department: Department of Geography and Earth Sciences

Related courses:

Environmental Earth Science	p101
Environmental Science	p102
Geography	p107
Human Geography	p105, p107
Physical Geography	p106, p107

✦ This degree is also available with a year in industry (F803), which is 4 years in duration. The work placement is taken in the third year.

✦ You can also study this course with a year studying abroad (F802). Students on this course would typically spend their third year studying at a university abroad, and would return for the fourth year in Aberystwyth.

"It's good to study both human and physical geography. You get a different perspective to what is available through school, and it's possible your interests will be quite different after discovering the breadth of the discipline!"

Iolo Jones



Daearyddiaeth (Welsh-medium Geography)

The Department 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)
- smaller classes: 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



*Course accredited

Key Facts

Degree type: BSc

UCAS code: F801

Duration: 3 years

Typical offer: BBB/120 points with B in Geography, ABB/128 points without Geography

Department: Department of Geography and Earth Sciences

Related courses:

Environmental Earth Science	p101
Environmental Science	p102
Geography	p103, p107
Human Geography	p105, p107
Physical Geography	p106, p107



You can study this subject with... (joint honours): History, International Politics, Welsh, and Welsh History. For more information see page 180.

- 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 qualification

Human Geography

Our Human Geography degree addresses some of the major issues facing the world today, including: globalisation; sustainable development; inequality and poverty; geopolitics; nationalism and regionalism, and; migration. It also examines the everyday world around us, from the spaces in which children play to the culture of motorway driving. You will study the historical processes behind contemporary trends, drawing together perspectives from different countries and cultures, and use different sources ranging from maps and statistics, to film, art and literature. With a degree accredited by the Royal Geography Society (with the Institute of British Geographers) we are confident that we'll be able to develop your skills, abilities and expertise so that you can tackle and engage with today's challenges.

Opportunities at Aberystwyth for Human Geography students include:

- a flexible modular structure that allows you to develop your own particular interests, and focus on what excites you
- a broad range of fieldwork opportunities: there is a free, two-day field course at the beginning of the first year to north and mid Wales. In the second year we offer a range of trips to suit a variety of specialisms and budgets, currently to Ireland (free) and Berlin (at additional cost). Optional day trips are also embedded in many modules throughout your degree
- being taught by world-leading researchers in their respective fields throughout your course



*Course accredited

Key Facts

Degree type: BA

UCAS code: L700

Duration: 3 years

Typical offer: BBB/120 points with B in Geography, ABB/128 points without Geography

Department: Department of Geography and Earth Sciences

Related courses:

Environmental Earth Science	p101
Environmental Science	p102
Geography	p103, p107
Human Geography	p107
Physical Geography	p106, p107



You can study this subject with... Business and Management, Economics, English Literature. For more information see page 180.

- ✦ **This degree is also available with a year in industry (L703), which is 4 years in duration. The work placement is taken in the third year.**
- ✦ **You can also study this course with a year studying abroad (L704). Students on this course would typically spend their third year studying at a university abroad, and would return for the fourth year in Aberystwyth.**

"Choosing to study Human Geography at Aberystwyth University ranks amongst the best decisions I've ever made."

Olivia Morris



Students on a recent field trip to the Dublin Docklands learning about regeneration and rescue geographies.

Physical Geography

Our 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.

You will emerge from our Physical Geography degree with broadened horizons which will enable you to read and interpret the landscape from a unique perspective. We will help you develop the necessary skills, abilities and expertise which can be applied in a range of professions.

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: there is a free, two-day field course at the beginning of the first year to north and mid Wales. In the second year we offer a range of trips to suit a variety of specialisms and budgets, currently to Ireland (free), Crete, and

Some of our Geography students on a recent second year fieldtrip to Crete.



*Course accredited

Key Facts

Degree type: BSc

UCAS code: F840

Duration: 3 years

Typical offer: BBB/120 points with B in Geography, ABB/128 points without Geography

Department: Department of Geography and Earth Sciences

Related courses:

Environmental Earth Science	p101
Environmental Science	p102
Physical Geography	p107

Available with...

You can study this subject with... Computer Science, Education and Mathematics. For more information see page 180.

- New Zealand (all at additional cost). Optional day trips are also embedded in many modules throughout your degree
- being taught by world-leading researchers in their respective fields throughout your course
- **This degree is also available with a year in industry (F846), which is 4 years in duration. The work placement is taken in the third year.**
- **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.**

94%

student satisfaction for our F840 Physical Geography degree scheme

(NSS 2017)

Integrated Masters schemes

MArts Human Geography	(L705)
MSci Geography	(F804)
MSci Physical Geography	(F847)

We offer Integrated Masters schemes in Geography, Human Geography, and Physical Geography, which will provide you with the opportunity to combine your undergraduate studies with a year of postgraduate study, all within a single scheme. These degrees have the advantage of enabling you to further your geographical skills and knowledge, and extend your studies for a further year without having to specialise in a single area of geographical inquiry, creating a flexible course that caters to your needs. The first three years are identical to our Bachelor's degrees in that specific subject. The fourth year focuses on the practical application of geographical knowledge through independent research work and employability related assessments, allowing you to gain more transferable skills for your future career.



BEST IN WALES

for the subject of Geography and Environment Science, and TOP 20 IN THE UK

(The Times and Sunday Times Good University Guide 2018)



*Courses accredited: F804, F847

Key Facts

Degree type: MArts, MSci

Duration: 4 years

Typical offer: BBB/120 points with B in Geography, ABB/128 points without Geography

Department: Department of Geography and Earth Sciences

Related courses:

Geography	p103
Human Geography	p105
Physical Geography	p106

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 page 179



DEPARTMENT OF HISTORY AND WELSH HISTORY

History	p109
History and Welsh History	p110
Medieval and Early Modern History	p111
Modern and Contemporary History	p112
Politics and Modern History	p113

From the ancient world to contemporary America, from the Samurai of Japan and monks of medieval Wales to Victorian scientists and twentieth-century dictators, the Department of History and Welsh History at Aberystwyth will introduce you to cultures from across the globe and throughout time. Based in the historic location of Aberystwyth, the Department has a staff of leading historians in their fields and a commitment to research-based teaching and small-group classes. We will take you on a path of discovery, stimulating your passion for history throughout your degree and ensuring you approach your own future with confidence and conviction.

Our Department

History has been taught at Aberystwyth since the foundation of the University in 1872, making our Department the oldest history department in Wales. We endeavour to run seminar classes that adopt an innovative range of learning styles that is supplemented by one-to-one support through individual assignment feedback tutorials and personal tutor meetings. By learning in small groups you will interact with experts in the field and receive bespoke feedback on how to improve your work. Our flexible course structures mean you can tailor your degree to reflect your own needs and interests. Our commitment to providing our students with an exceptional student experience is evident in our excellent National Student Survey 2017 results, in which the Department received an overall score of 92% for student satisfaction.

The Department is situated on the main campus, in the same building as the central library, and is close to the National Library of Wales. Aberystwyth students are able to enjoy outstanding learning resources with full access to the National Library of Wales, which is one of five copyright libraries in the United Kingdom, with over six million books and a multitude of other resources. In addition to this, the University's libraries have a large number of subject specific materials and the Department exploits a range of digital resources to ensure that you will have access to everything you need to get the most out of your time here.

Your future

The historian's skills of interpretation and communication are highly valued by employers. While many of our graduates take up careers directly linked to history such as teaching, archive work and museum management, the majority enter fields as varied as accountancy, banking, advertising, retail management, public relations, the computer industry, hospital administration, local government, the police force, social work, journalism and the media.

The Department offers a number of placements every year with a range of employers. We also provide many opportunities for students to identify and nurture the transferable skills that will make them competitive candidates for jobs. You will track and discuss the development of these skills in personal tutor meetings, which are held regularly throughout the degree.

Studying through the medium of Welsh

The Department offers a number of schemes entirely or partially through the medium of Welsh, including Hanes (History - V101) and Hanes Modern a Gwleidyddiaeth (Modern History and Politics - VL1F). Courses on European and American history are also available to be taught through the medium of Welsh. Our history degrees are eligible for the Coleg Cymraeg Cenedlaethol's Main Scholarships. Our degrees that are taught completely through the medium of Welsh are eligible for the William Salesbury Scholarship. Please contact us for further information.

History

Most of us are curious about the past and about the way human societies have evolved over time. A degree in history will allow you to place the past in perspective and to equip yourself with 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. We therefore provide a broad range of political, social, economic and cultural history modules covering several periods and continents.

Opportunities at Aberystwyth for History students include:

- flexibility of choice in history modules, taught by experts in the field
- a wide range of study abroad opportunities available in Europe and beyond
- taking part in numerous extra-curricular activities such as student conferences and field trips



You can study this subject with... (joint honours): Drama and Theatre Studies, Education, English Literature, French, Geography, German, International Politics, Mathematics, Spanish, Welsh, and Welsh History. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: V100 (V102 with integrated year study abroad)

Duration: 3 years (V102 is 4 years)

Typical offer: BBB/120 points with B in any subject

Department: Department of History and Welsh History

This course is also available through the medium of Welsh (Hanes V101).

Related courses:

History and Welsh History	p110
Medieval and Early Modern History	p111
Modern and Contemporary History	p112
Politics and Modern History	p113

"I loved getting the chance to try new parts of history I'd never been able to learn about before. I hadn't ever studied a single part of Chinese history before university, and now I have specialised in it."

Curtis Hewison



94%

student satisfaction for our
V100 History degree
scheme
(NSS 2017)

History and Welsh History

Aberystwyth is a major centre of Welsh and Celtic scholarship and the Department plays a prominent role in the development of historical studies in this area. This degree examines the history of Wales in the broader context of European and international history while following events and developments specific to Wales.

The course allows you to take a range of modules in Welsh history, from the medieval period through to the modern day, while offering the flexibility to explore topics in the rest of the Department. As a result, the degree will equip you with the skills of the historian while supporting a specific application of those skills to the Welsh case.

Opportunities at Aberystwyth for History and Welsh History include:

- learning about History in a department that scored 92% for overall student satisfaction in the National Student Survey 2017
- use of the University library, with its first-rate collection of Celtic literature and historical works, as well as the National Library of Wales, which boasts unparalleled resources, including manuscript and documentary collections, specialised texts and works of reference
- teaching in small groups and one-to-one essay feedback tutorials

Key Facts

Degree type: BA

UCAS code: VVC2

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of History and Welsh History

You can also study this course partly through the medium of Welsh.

Related courses:

History	p109
Medieval and Early Modern History	p111
Modern and Contemporary History	p112
Politics and Modern History	p113

- a wide range of study abroad opportunities available in both Europe and the wider world
- taking part in numerous extra-curricular activities such as student conferences and field trips
- studying in the oldest history department in Wales and one of the foremost in Britain, where Welsh history has been taught since the 1880s



Medieval and Early Modern History

Medieval and Early Modern History students can specialise in medieval, early modern and eighteenth-century history. At Aberystwyth, the flexible nature of our degree means that you will be able to choose options that are of interest to you, and specialise in topics that you enjoy.

Topics and areas you may study here include Early Medieval Germany and the making of the First Reich, the Crusades, the Black Death, Viking Sagas, the Reformation, the English Civil War and Eighteenth-Century cultural history. Working with staff who are experts in their fields, you will also get the chance to work in small groups, with primary documents, in a first-class research environment.

Opportunities at Aberystwyth for Medieval and Early Modern History include:

- learning about History in a department that scored 92% overall student satisfaction in the National Student Survey 2017
- taking part in numerous extra-curricular activities such as student conferences and field trips
- having access to the National Library of Wales, a copyright library, with access to one of the most comprehensive collections of primary and secondary materials in Britain

Key Facts

Degree type: BA

UCAS code: V190

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of History and Welsh History

Related courses:

History	p109
History and Welsh History	p110
Modern and Contemporary History	p112
Politics and Modern History	p113

"I really enjoyed the broad range of modules provided by the Department, the enthusiasm with which they were taught, and the help and support offered throughout."

Fyrne Bracewell



A colorful sunset over Pentre Ifan burial chamber

Modern and Contemporary History

The study of the recent past is an important means of understanding the world around us. The Modern and Contemporary History degree is designed to challenge and engage students with new and exciting insights about the recent past. At Aberystwyth, you will be able to follow modules on the history of Britain, Europe, the Americas and Asia from 1730 to the present day. This degree explores an era marked by mass participation, whether in politics, war or culture. It illuminates the contradictions of modernity - characterized by utopian experiments and their often nightmarish outcomes, by the proclamation of human rights, by genocide and ethnic cleansing, and by the promise of reason, science and technology.

Opportunities at Aberystwyth for Modern and Contemporary History students include:

- learning about History in a department that scored 92% overall student satisfaction in the National Student Survey 2017
- being in a department which is a few minutes' walk from the National Library of Wales, a copyright library, where students get to experience a first-class research environment with access to one of the most comprehensive collections of primary and secondary materials in Britain

Key Facts

Degree type: BA

UCAS code: V191

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of History and Welsh History

Related courses:

History	p109
History and Welsh History	p110
Medieval and Early Modern History	p111
Politics and Modern History	p113

"Studying History at Aberystwyth has been fantastic. The teaching I have experienced has been brilliant, and everyone in the department is friendly and willing to help with anything. I have built a great rapport with my lecturers, which has helped me grow in confidence and enhanced my learning."

Emma Jenkins

Politics and Modern History

Politics and Modern History focuses on the study of recent politics and history. It places the study of 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 in an integrated course structure that allows you flexibility in your choice of modules.

You will learn about concepts in history and political theory through the study of new and exciting recent political and historical works. You will develop skills of the historian by studying how methods and the writing of history have changed over time and by analysing primary sources. In your final year you will also follow a specific historical topic in depth using the critical research skills of a practising historian, developed over the course of your degree.

Opportunities at Aberystwyth for Politics and Modern History students include:

- learning about History in a department that scored 92% overall student satisfaction in the National Student Survey 2017
- being within a few minutes' walk of the National Library of Wales, a copyright library, where students get to experience a first-class research environment with access to one of the most comprehensive collections of primary and secondary materials in Britain

Key Facts

Degree type: BA

UCAS code: V135

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of History and Welsh History

This course is also available through the medium of Welsh.

Related courses:

History	p109
History and Welsh History	p110
International Politics	p117
Medieval and Early Modern History	p111
Modern and Contemporary History	p112
Politics	p120





DEPARTMENT OF INTERNATIONAL POLITICS

International Politics	p117	Politics	p120
International Politics and Military History	p118	Strategic, Intelligence and Security Studies*	
International Politics and Global Development	p119	(subject to approval)	p121

International politics today is about understanding and tackling global challenges. As a student in the Department of International Politics you will be perfectly placed to gain a deeper understanding of what those challenges are and what opportunities and obstacles shape how we manage them. You will explore the big questions and concepts of our time – such as power, conflict, security, democracy, inequality, ethics, rights, justice, gender, development, and political participation.

As an International Politics student at Aberystwyth, you will be part of the first department of its kind in the world, which was founded in 1919 as a response to the First World War in order to create a more peaceful world. As an undergraduate student you will have the opportunity to celebrate the centenary of both the department and the discipline, and contribute to shaping our understanding of the future of international politics.

The Department is renowned for combining excellence in research with excellence in teaching, demonstrated by its position as a top ten department for research in the most recent Research Excellence Framework (REF) 2014, and a top ten department in the UK for teaching and research quality for Politics (*The Times and Sunday Times Good University Guide 2018*). The Department's world-leading research feeds directly into our teaching, which means that from the very first year of your university career, you will be exposed to the most innovative ideas taught by the best scholars in their fields.

Your future

Our degree schemes provide an outstanding education and excellent preparation for a successful career. Some of our graduates embark on politics-related professions such as those found in the civil service, local and national government, international organisations, non-profit and NGO sectors, and the armed forces. Other graduates pursue positions in journalism, the financial sector, the legal profession, business, or teaching.

Facilities

The Department of International Politics is centrally located on the main campus. Our building was specifically designed to create a strong community of undergraduates, graduates and staff, and we have state-of-the-art facilities for teaching, study, research and public events. The University has an extensive range of print and electronic resources within its own libraries. The National Library of Wales, one of five copyright libraries in the UK, is also located less than 500 metres away, and houses a United Nations Documentation Centre and material from the Organisation for Security and Cooperation in Europe.

Studying through the medium of Welsh

The Department offers two specific Welsh-medium degree schemes: Gwleidyddiaeth Ryngwladol (L255) and Gwleidyddiaeth (L201). It is also possible to study modules through the medium of Welsh on any degree scheme, allowing students to study either a sizeable proportion in Welsh or chose a few modules in Welsh each year. Each academic year, a range of first year and honours level core and optional modules are available through the medium of Welsh, some offered entirely in Welsh, others partly with lectures in English and seminars in Welsh.



Extra-curricular opportunities and activities

The Department offers and supports a wide range of extra-curricular opportunities aimed at enriching your student experience and enhancing your employability.

These include:

- **International Exchange Programmes** – a chance to study at a carefully selected university abroad in the second or third year depending on your degree scheme. Marks from modules you've studied abroad will count towards your degree. Some funding is available through the Erasmus+ scheme and the Department.
- **Parliamentary Placement Scheme** – provides an exceptional opportunity for second year students (through application) to obtain insight into the real world of politics. You are placed with an MP (House of Commons, Westminster) or an AM (National Assembly for Wales, Cardiff) typically for a period of 4-6 weeks. Work undertaken may involve drafting reports and speeches, research projects, and responding to constituency issues. Students have also been involved in election campaigning and responding to various political events. Departmental funding is available to help with costs.
- **A wide range of events (public lectures, seminars/workshops, roundtables) throughout the year** – speakers often include international and national politicians, policy-makers and activists and, of course, leading scholars in regional, international and global politics.
- **International Crisis Simulations** – held annually at a large country mansion in mid Wales, these are three-day role-playing exercises in political, economic and diplomatic manoeuvre. They seek to develop negotiation and communication, critical thinking, teamwork and problem-solving skills, as well as 'manipulating' the media. Working in teams representing countries or international organisations, such as the UN or Greenpeace, it provides insight into the complexities and dilemmas of national and international politics and a greater appreciation of the difficulties faced by decision-makers. It's exhilarating, exhausting and addictive!
- **International Politics Society** – this student-led society runs numerous events and explores a wide variety of issues shaping global politics.
- **Interstate** – the oldest student-run international politics journal in the UK that provides a unique opportunity for you to publish your work, as well as undertake editing and publishing roles.
- **Aberystwyth Crisis Games and Model United Nations Society** – gives students a chance to experience the complex dynamics of international negotiations, by simulating real-life political scenarios. These scenarios focus on a range of themes, from historical crises to contemporary political challenges, with many focusing specifically on the workings of the UN system. Crisis games and simulations are always great fun, but they are also good training for anyone interested in diplomacy as a future career and provide excellent experience in public speaking and confidence building.

Negotiations continue between country representatives, in our annual International Crisis Simulations, held in the wonderful Gregynog Hall in Powys



International Politics

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 this era and its on-going transitions. Our excellent legacy and reputation, staff and facilities offer a stimulating learning environment in which you can explore contemporary international politics and its futures.

Students who study International Politics at Aberystwyth will:

- engage with key 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 vantage points (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 urgent nature of regional, national and international policy-making

Available with...

You can study this subject with... Drama and Theatre Studies, Economics, French, Geography, History, Law, Spanish, Welsh Politics and Welsh. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: L241

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of International Politics

Related courses:

International Politics and Military History	p118
International Politics and Global Development	p119
Politics	p120
Strategy, Intelligence and Security Studies	p121

✦ Subject to approval, this degree is also available as a four-year scheme including an integrated year in industry. This year in industry will allow you to acquire personal and professional skills and experiences that are highly sought after by employers and will make you stand out when applying for jobs.

✦ Subject to approval, you may also study International Politics as a four-year degree, including a year studying abroad at a partner university, chosen from a broad range of world-wide destinations. This year abroad provides students with a genuinely international educational experience, and will help develop personal skills and a global outlook that is widely valued by employers.



96%

student satisfaction for our L241 International Politics degree scheme (NSS 2017)

International Politics and Military History

For as long as there has been war, people have been fascinated by the history of how those wars have been fought, why and by whom. Our inspiring lecturers will guide you through an in-depth study of warfare (in all its technological, military, social and cultural dimensions) as it has developed since the time of Napoleon. 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.

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

Degree type: BA

UCAS code: LV2H

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of International Politics

Related courses:

International Politics	p117
International Politics and Global Development	p119
Politics	p120
Strategy, Intelligence and Security Studies	p121



International Politics and Global Development

What does international politics look like when we view it from beyond the developed world? The powerful and dominant west provides us with an interesting study of politics, but what do we find when we question the political, social, economic, and cultural changes affecting the developing world and emerging powers outside the West?

We challenge the Western-centric grand narratives of international politics by studying the interconnectedness of the developed and developing powers, engaging with marginalized issues and voices, as well as exploring the emerging global powers in Latin America, South Asia and the Far East. We are committed to engaging you in your studies and helping you develop views on these narratives while exploring key issues such as colonialism, inequality, development, gender, identity, political economy, culture, race, religion, resistance and social movements. On this degree scheme, we strive to promote and develop your thinking and skills by studying the power relations from a range of different and 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

Key Facts

Degree type: BA

UCAS code: LL31

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of International Politics

Related courses:

International Politics	p117
International Politics and Military History	p118
Politics	p120
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- 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



Politics

We live in a complex, fast moving world in which politics affects all aspects of our lives. This scheme will help you to make sense of the most important challenges facing contemporary societies by exploring the role of ideas, institutions and actors in shaping political debates and practices.

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. But 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 jobs market.

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

Key Facts

Degree type: BA

UCAS code: L203

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of International Politics

Related courses:

International Politics	p117
International Politics and Military History	p118
International Politics and Global Development	p119
Strategy, Intelligence and Security Studies	p121

- 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



Strategy, Intelligence and Security Studies* (subject to approval)

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. This degree 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. Modules on intelligence studies explore the complexities of how intelligence is gathered and assessed before it is disseminated to decision-makers, and you will 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. A key feature of this scheme is the emphasis on innovative teaching approaches such as strategic gaming and role-plays. These innovative activities explore the process of

Key Facts

Degree type: BA

Duration: 3 years

Typical offer: BBB/120 points with B in any subject

Department: Department of International Politics

Related courses:

International Politics	p117
International Politics and Military History	p118
International Politics and Global Development	p119
Politics	p120

decision-making and develop your analytical and problem-solving abilities.

Students who study Strategy, Intelligence and Security Studies 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





ABERYSTWYTH LAW SCHOOL

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Law and Criminology, and their multiple facets, influence and affect all areas of modern life and society.

Since 1901, the Aberystwyth Law School has built upon a rich heritage of academia and experience while also embracing modern learning techniques and resources to equip its students for careers in Law and Criminology.

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

By nurturing the ingenuity of both our staff and students, we aspire to grow in knowledge and expertise, to think outside the box and, ultimately, to solve local and global problems. It is thanks to these qualities and our approach to teaching that Aberystwyth Law School scored 90% for student satisfaction (NSS, 2017) and 100% of our graduates were in work or further study within 6 months after graduation (HESA 2017* see page 204).

All of our law degrees are recognised as qualifying law degrees (subject to successful completion of specified modules) in both branches of the profession. They allow successful graduates to progress to the Bar Professional Training Course (for intending barristers) and the Legal Practice Course of the Law Society (for intending solicitors), providing them exemption from the first part of the professional examinations.

We pride ourselves on the forward-thinking teaching and research, that exceeds goals set by our predecessors, to provide you with an excellent framework for a diverse range of careers in the legal sector, the criminal justice system, the community sector, amongst a variety of other career opportunities. Our commitment to develop and engage students for study and life after university is supported further by our regular careers sessions that introduce you to aspirational speakers, provide you with specialist careers advice and offer you the fantastic opportunity to study abroad.

Our work experience module offers students the opportunity to undertake a work placement with an external organisation broadly related to the general sphere of their degree studies during term-time. It ensures that students are engaged in real pieces of work or projects that are valued and used by employers and reflect current needs and practice in the workplace. There are ring-fenced opportunities for our students to work in commercial, government, local authority or charities for between 112 and 126 hours over 2 semesters.

The module is unique in many respects:

- developing employability skills through partnership-working between Aberystwyth University and leading organisations such as NHS Wales, Ceredigion County Council and Wales and West Housing
- embedding practitioners' involvement (alumni/employers/the Careers Team) in module design and delivery
- providing opportunities to hear from, be mentored by, and network with a range of high-profile alumni

Facilities

Our Moot Court provides the perfect setting for Law students to practise and develop their advocacy skills by taking part in mock trials and moots.

Studying through the medium of Welsh

We provide a significant amount of Welsh medium teaching in both core and optional modules, some in collaboration with other Welsh universities. Students studying 80 credits a year of law through the medium of Welsh are eligible for the Coleg Cymraeg Cenedlaethol Main Scholarship, and students studying at least 40 credits a year through the medium of Welsh are eligible for the Incentive Scholarship (www.colegcymraeg.ac.uk).

100%

of our graduates were in work or further study within 6 months, 5% more than Law graduates nationally

(HESA 2017* see page 204)

Business Law

In choosing to study this degree you will discover a challenging and stimulating course. The Bar Standards Board and the Solicitors Regulation Authority recognise our degree; and it therefore provides a direct route to the legal profession. This themed scheme offers a twenty-first century degree that encompasses a range of traditional and contemporary subjects, with a specialism in business law.

You will learn how to recognise, analyse and, where possible, avoid many of the legal problems that can arise in the course of common business transactions. These are vital business skills that are relevant not just to business in the context of the English legal system but also in the context of the legal systems of the many other 'common law' countries around the world.

You will benefit from the experience and enthusiasm of our expert staff, many of whom have also practised as solicitors, thus providing a practical application to your theoretical studies. You will emerge with real-world capabilities, enabling you to shape your future and develop the career you deserve.

Specialist opportunities at Aberystwyth for Business Law include:

- studying a degree recognised by the Bar Standards Board and the Solicitors Regulation Authority
- being part of one of the oldest and most well-regarded Law Schools in Wales

Key Facts

Degree type: LLB

UCAS code: M140

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Law School

Related courses:

Criminal Law	p124
Criminology	p125
Criminology with Applied Psychology	p126
European Law	p127
Human Rights Law	p128
Law	p129

Employability

Business Law opens up a range of exciting opportunities for employment and further training. You will be a strong candidate for training to become a barrister or a solicitor. Our graduates succeed in the areas of 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.



Moots are an integral part of the law degrees here. In a moot, two pairs of advocates argue a fictitious legal case in front of a judge. An Aberystwyth team competes in Welsh and UK competitions each year.

Criminal Law

The media is full of stories about crime and the extensive coverage of such high-profile cases shows that the public interest in crime is huge. If you choose to study our Criminal Law degree, you will benefit from the experience and enthusiasm of our expert staff, many of whom have also practised as barristers or solicitors, thus providing a practical application to your theoretical studies. This scheme considers what the prosecution has to prove in order to obtain a conviction. It will also look at other important issues such as when an individual may plead intoxication or self-defence. The degree will cover all of these issues with a particular focus on the most serious offences. You will emerge with real-world capabilities, enabling you to shape your future and develop the career you deserve.

Specialist opportunities at Aberystwyth for Criminal Law students include:

- studying a degree recognised by the Bar Standards Board and the Solicitors Regulation Authority
- being part of one of the oldest and most well-regarded Law Schools in Wales
- a programme of valuable social and professional opportunities organised by the School, such as trips to law fairs and to the Inns of Court in London
- the Mooting Society, that provides you with the opportunity to develop and test your key advocacy and litigation skills in a fun and competitive environment, by taking part in mock trials. Aberystwyth University regularly competes in national and international mooting competitions, including the Welsh National Mooting Competition, and there are also opportunities to moot through the medium of Welsh.

Key Facts

Degree type: LLB

UCAS code: M131

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Law School

Related courses:

Business Law	p123
Criminology	p125
Criminology with Applied Psychology	p126
European Law	p127
Human Rights Law	p128
Law	p129

Employability

Upon graduation you will be a strong candidate for training to become a barrister or a solicitor, and your specialism in Criminal Law also opens up opportunities for employment with the Police, Probation or Prison Service. Recent statistics show that our graduates succeed in the areas of 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.

Criminology

Criminology examines social definitions of criminal behaviours, the consequences for people who transgress these societal boundaries and the impact of their actions upon both victims and society in general. At Aberystwyth, you will develop a broad-based social science education, with a specific focus on sociological, psychological, and legal perspectives on crime, criminality and criminal justice. We are committed to offering you training in the basic methods of criminological research, providing you with skills necessary for the critical evaluation of both theoretical and empirical studies within this field. Upon completion of your degree, you will be equipped with a range of skills which are essential for pursuing a professional career in areas such as policing, prisons and youth justice.

Specialist opportunities at Aberystwyth for Criminology students include:

- an exciting range of optional modules including work experience
- an opportunity to volunteer with the Centre for the Study of Ageing, Abuse and Neglect within the School as part of the research project 'Choice', working towards building justice options with older people facing elder abuse in their own homes

Available with...

You can study this subject with... Psychology, and Law. For more information see page 180.

Key Facts

Degree type: BSc

UCAS code: M900

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Law School

Related courses:

Business Law	p123
Criminal Law	p124
Criminology with Applied Psychology	p126
European Law	p127
Human Rights Law	p128
Law	p129

Employability

Criminology provides an excellent academic foundation for careers as crime or intelligence analysts and a very broad range of other careers in the police, HM Prison Service and the National Probation Service, youth justice, community care and social work organisations, or regulatory fields such as HM Revenue and Customs and trading standards.

"I love how I can tailor my course and choose modules to create a unique degree, customised to my own needs."

Jamie Scott



TOP 10
IN THE UK
for teaching
quality
(NSS 2017)



Criminology with Applied Psychology

Criminology with Applied Psychology places greater emphasis upon the critical investigation of individual and behavioural aspects of crime and offending. At Aberystwyth our expertise means we can confidently introduce you to basic psychological principles, a broad spectrum of criminological theories, and various aspects of psychology that specifically relate to deviant and criminal behaviour.

You may also receive training 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. We strive to make our courses as relevant as possible for our students, and our research-active academics will help you to realise your potential.

Specialist opportunities at Aberystwyth for Criminology with Applied Psychology students include:

- the opportunity to undertake work experience as part of an optional module, which will greatly increase your employability upon graduation
- an opportunity to volunteer with the Centre for the Study of Ageing, Abuse and Neglect within the School as part of the research project 'Choice', working towards building justice options with older people facing elder abuse in their own homes

Employability

Criminology with Applied Psychology provides an excellent academic foundation for careers as crime or intelligence analysts and a very broad range of other careers in the police, HM Prison Service and the National Probation Service, youth justice, community care and social work organisations, or regulatory fields such as HM Revenue and Customs and trading standards.

Key Facts

Degree type: BSc

UCAS code: M9C8

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Law School

Related courses:

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✦ It is also possible to study Criminology alongside Psychology as a joint honours degree (CM89 - see page 164). This degree 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.

"This is a great degree. One of the best things about studying this topic area as a degree is that there is always new research which keeps you interested and reading. The positivity and supportiveness shown by all of the staff is fantastic. I wouldn't want to study anywhere else."

Helen Holt

European Law



At Aberystwyth, you will benefit from the experience and enthusiasm of our expert staff, providing a practical application to your theoretical studies in the fundamentals of law whilst also exploring European law, international law and other modules from a European perspective.

This scheme covers the development and principal features of the European Union's legal regime, as well as the framework of the Council of Europe's Conventions. You will consider the inter-relationship of these regimes in order to develop your knowledge and understanding of a range of contemporary matters. Our stimulating and challenging course is recognised by the Bar Standards Board and the Solicitors Regulation Authority, providing a direct route into the legal profession and equipping you for a life of success.

Specialist opportunities at Aberystwyth for European Law students include:

- being part of one of the oldest and most well-regarded Law Schools in Wales
- a strong international staff and student profile in the Department, with frequent visits by academics and experts from other countries
- opportunities for you to study abroad at one of our partner institutions in Utrecht (Netherlands), Katowice and Wroclaw (Poland), Brno (Czech Republic) and Helsinki (Finland), all of which offer legal courses in English

Key Facts

Degree type: LLB

UCAS code: M120

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Law School

Related courses:

Business Law	p123
Criminal Law	p124
Criminology	p125
Criminology with Applied Psychology	p126
Human Rights Law	p128
Law	p129

Employability

This degree opens up a range of exciting opportunities for employment and further training. You will be a strong candidate for training to become a barrister or a solicitor, and for employment with European institutions and other public bodies where an understanding of this specialist area of law is of crucial importance. Our law graduates are employed in the areas of 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.



Human Rights

Matters relating to human rights are of international relevance, crossing transnational and cultural boundaries, often attracting significant media attention and controversy. At Aberystwyth we strive to deliver an engaging and exciting course that provides you with transferable skills in a stimulating environment.

This degree encompasses a range of traditional and contemporary human rights and legal subjects and will deliver the skills and competencies demanded in the many career options available to you upon its successful completion.

Specialist opportunities at Aberystwyth for Human Rights include:

- studying a degree recognised by the Bar Standards Board and the Solicitors Regulation Authority
- being part of one of the oldest and most well-regarded Law Schools in Wales
- working with lecturers who participate in national and international debate and policy-making in legal, criminological and related fields. Recently, for example, our staff have been involved in the work of the Human Fertilisation and Embryology Authority, the Council of Europe's Group of Experts on Action against Trafficking in Human Beings (GRETA) and the United Nations Office of the High Commissioner for Human Rights

Key Facts

Degree type: LLB

UCAS code: M990

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Law School

Related courses:

Business Law	p123
Criminal Law	p124
Criminology	p125
Criminology with Applied Psychology	p126
European Law	p127
Law	p129

Employability

Our graduates are strong candidates for training to become a barrister or a solicitor, with a particular specialism in human rights law. 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 are working in the areas of criminology, financial management, business, human resources, international relations, journalism and education.

"In addition to gaining a wide range of legal knowledge and skills, I also got a chance to study in-depth the human rights concepts and systems on both national and international levels, which provides a great theoretical background for pursuing a career or further education in this field."

Kinga Maciulk

Law

Law is a diverse subject that constantly evolves in response to societal, economic and political developments. It regulates every aspect of our daily lives from disputes between neighbours to environmental protection, employment matters and healthcare provision. In a modern, democratic society, the law exists - or should exist - to ensure justice. Studying our degree, 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.

Our course provides you with a wealth of knowledge and skills so that you will graduate with real-world capabilities, enabling you to shape your future and develop the career you deserve. 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.

Specialist opportunities at Aberystwyth for Law students include:

- being part of one of the oldest and most well-regarded Law Schools in Wales
- a chance to gain authentic work experience

Aberystwyth University Mooting Society is open to all students of the Law School. The society provides members with the opportunity to develop their mooting skills through a series of training workshops and mooting competitions. Mooting is the oral presentation of a legal argument in mock court proceedings. It is designed to develop legal skills and will provide students with the closest experience to appearing in court. For those considering a career in courtroom advocacy, experience of mooting is essential. However, mooting develops a wide range of skills applicable to both legal and non-legal careers alike.



Key Facts

Degree type: LLB/BA

UCAS code: M100/M103

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Law School

Related courses:

Business Law	p123
Criminal Law	p124
Criminology	p125
Criminology with Applied Psychology	p126
European Law	p127
Human Rights	p128



You can study this subject with... (major honours): BA - Business and Management, Criminology, French, International Politics, Politics, and Welsh. LLB - French, German, and Spanish. For more information see page 180.

Employability

Our degrees open up a range of exciting opportunities for employment and further training. You will be a strong candidate for training to become a barrister or a solicitor. 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.

✦ The LLB is also available as an accelerated 2-year LLB course for graduates (M101). See our website or contact us for more information.





ABERYSTWYTH BUSINESS SCHOOL

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Adventure Tourism Management	p134
Business Economics	p135
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138
Economics	p140
Marketing	p142
Tourism Management	p143

The world of business is made up of a landscape that is always moving, always evolving. Here at the Aberystwyth Business School we give you the freedom to think creatively and critically in a versatile learning environment. This ensures you are fully prepared for the move into tomorrow's workforce.

The Aberystwyth Business School has an excellent reputation for the quality of its teaching, learning environment and the cultural experience it offers its students. We emphasise small-group teaching on our workplace-relevant degree schemes, and are highly regarded by both students and employers. This learning environment is led by academic staff who are not only research active but are also consultants and policy makers within the business community, this is why we are top 10 in the UK for teaching quality in the subject of Accounting and Finance, and top 5 in the UK for Economics, according to *The Times and Sunday Times Good University Guide 2018*. Many of our lecturers have a business, as well as an academic, background allowing us to inform you of the latest developments in your subject and pass on a practical awareness of the contemporary business environment. As a result, we have attracted recognition from a range of professional bodies; including the ACCA, CII, CIM and ICAEW. This puts you ahead of the rest of other graduates because you gain exemptions from some professional body examinations and achieve professional qualifications earlier.

We are committed to ensuring that our graduates are able to find innovative, versatile and well-paid work straight after graduation, through our study schemes. We assist our students in developing their potential and exceeding goals through the School's Professional Futures programme, that helps you excel within your chosen path. This is further supported by our inspiring professional speakers and the University's Year in Employment Scheme (see page 26), which allows you to experience work in a number of

companies such as HM Treasury and Deloitte, and provide you with networking and employment opportunities for when you complete your degree. The average starting salary of Aberystwyth graduates who participated in YES earned at least £2,500 more than those who didn't.

Our work experience module also offers students the opportunity to undertake a work placement with an external organisation broadly related to their degree studies during term-time. It ensures that students are engaged in real pieces of work or projects that are valued and used by employers and reflect current needs and practice in the workplace. There are ring-fenced opportunities for our students to work in commercial, government, local authority or charities for between 112 and 126 hours over 2 semesters.

This module is unique in many respects. It:

- develops employability skills through partnership-working between Aberystwyth University and organisations such as NHS Wales, Ceredigion County Council and Wales and West Housing
- embeds practitioners' involvement (alumni/employers/the Careers Team) in module design and delivery
- provides opportunities to hear from, be mentored by, and network with a range of high-profile alumni

Studying through the medium of Welsh

We are expanding our Welsh medium provision and currently offer at least 40 credits a year through the medium of Welsh on courses in business and management. These courses are eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships (www.colegcymraeg.ac.uk). You can study Management, Marketing and Entrepreneurship and Tourism Management through the medium of Welsh. For further information contact the School.

Our degree schemes

All of our students study a common set of modules in the first semester of their first year, which will provide you with a foundation across a range of business subjects including management, marketing, accounts and economics. A basic knowledge of these topics will help you attain a broader understanding of the business world, as well as develop the range of business skills required by many employers. The common first year also gives flexibility by allowing you to swap between most of our courses at the end of the first year. So, for example, if you are uncertain whether you want to study accounting and finance or business and management, you also have the option to change to another course at the start of your second year.

Accounting and Finance

Accounting and Finance holds great significance in any business. At Aberystwyth, we prepare you for a professional career in this field by principally focussing on financial accounting and management accounting, with general finance dovetailed throughout the programme.

Our research-active staff will guide you through this course to develop a broad understanding of the operational context and the impact financial measurement and disclosure has on cash-flow, internal policy, and management systems. This will enlighten 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. At Aberystwyth, we will help you to realise your potential, so that you are equipped for a life of success.

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, team-working and presentation skills - the core employability skills
- professional exemptions from the main UK professional accounting bodies exams
- joining our Investment Society to participate in a Wales and Ireland universities trading competition, won by Aberystwyth students in recent years



Key Facts

Degree type: BSc

UCAS code: N400

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138
Economics	p140



You can study this subject with... Mathematics and Spanish. For more information see page 180.

Employability

With a degree in Accounting and Finance, you will be well-prepared for an exciting and demanding career in the financial and business world. 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 all 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 found employment with other well-known organisations such as the Barclays, BBC, Lidl and the NHS to name just a few.



ACCOUNTING AND FINANCE PATHWAYS

Here at Aberystwyth Business School we are always looking to maximise employment opportunities for our graduates. Research has shown that taking an accounting and finance degree with a related specialism such as marketing, can open up a range of career paths. Our students will have a common first year to gain business breadth and then have the choice of a more specialist area to combine with Accounting and Finance for the rest of their degree. These pathways are described here:



Accounting and Finance with Business Economics (N4L1) *(subject to approval)

Business Economics focusses on the impact of choice on the production, distribution and consumption of resources through microeconomics and macroeconomics, which analyses choice at individual level or the economy. At Aberystwyth, we focus on the practical application of economic ideas, knowledge and methods within the context of professional decision-making situations.

We are committed to offering our students real-world application of their skills, to help prepare them for different situations they may experience in professional work, by applying economic knowledge to issues treated in several sub-disciplines related to business policy. While promoting the use of business statistics and graphic illustration, as opposed to the mathematical treatment of theoretical concepts and proofs. This pathway will enable you to 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 Accounting and Finance with Business Economics at Aberystwyth will enjoy the benefits of both subjects giving flexibility for your future career.

Accounting and Finance with French (N4R1) *(subject to approval)

French is widely spoken, not only in Europe, but also in North America and many countries in Africa. When you study French at Aberystwyth you'll acquire an in-depth knowledge of all aspects of the language, oral and written, and of the culture in which it is used. If you haven't been able to study French at school that is not a problem as we offer beginners' and advanced streams in the first year. This scheme also includes a third year abroad in a French-speaking country, which allows you not only to improve your mastery of the language, but to acquire a range of other transferable skills and intercultural awareness, which will stand you in good stead on the job market when you graduate.

Accounting and Finance with Management (N4N2) *(subject to approval)

The Management pathway develops your knowledge on essential elements of business management that are relevant across a range of industries. Our hands-on staff will create a stimulating environment where you can develop your understanding of management in practice, and how it is relevant to business, trade and commerce in both the public and private sectors. We promote free and critical thinking and offer you opportunities to consider the complexity of management challenges and the combined impact of the economic, financial, human and legal issues that managers deal with on a daily basis.

Accounting and Finance with Marketing (N4N5) *(subject to approval)

If you are interested in a subject that is exciting, dynamic and one that will combine elements of consumer behaviour, psychology, management, human resources and culture, then the Aberystwyth Marketing degree pathway is for you. Our Marketing pathway allows you to explore the changing use of information technology and digital media for marketing purposes in a creative and innovative way.

At Aberystwyth, we focus on developing your skills and knowledge in strategic and operational aspects of contemporary marketing theory and practice. Through case study analysis, real-life scenarios, and fundamental marketing theory you will be learning your craft on a stimulating course.

Aberystwyth University is an accredited CIM Graduate Gateway Centre, which means that you can gain exemptions for certain CIM modules.

Accounting and Finance with Tourism Management (N4N8) *(subject to approval)

Tourism is reputed to be the world's biggest industry. At Aberystwyth you'll study in a place where tourism helps a vibrant community thrive. You will gain in-depth knowledge of the UK and international tourism industry, and will develop your business knowledge through our emphasis on sustainable tourism and ecotourism.

We understand the value of real-world experiences, and so we emphasise realism and relevance in each of our modules. We use field visits, have guest speakers from the local tourism industry, and arrange residential study tours. The second year study tour involves an intensive week of study and practical exercises at a popular tourism destination. We strive to offer you a unique course that is relevant to the tourism industry and its development through providing you with stimulating opportunities.

Accounting and Finance with Spanish (N4R4) *(subject to approval)

Spanish is a world language, spoken widely in Europe and Latin America. When you study Spanish at Aberystwyth you'll acquire an in-depth knowledge of all aspects of the language, oral and written, and of the culture(s) in which it is used. If you haven't been able to study Spanish at school that is not a problem as we offer beginners' and advanced streams in the first year. This scheme also includes a third year abroad in a Spanish-speaking country, which allows you not only to improve your mastery of the language, but to acquire a range of other transferable skills and intercultural awareness which will stand you in good stead on the job market when you graduate.

Accounting and Finance with Welsh for the Professional Workplace *(subject to approval)

Welsh for the professional workplace is a pathway designed to prepare you for a career in Accounting and Finance in a contemporary, bilingual context. This pathway bolsters the linguistic competence of first and second-language students, giving you the confidence to use the professional and analytic skills embedded in each module.

The Department of Welsh and Celtic Studies (see p174) leads the sector with Professional Welsh and Professional Translation Studies, and has a designated Coleg Cymraeg Cenedlaethol lecturer in Cymraeg Proffesiynol (Professional Welsh). The modules offered in this pathway focus on the style and grammar of business Welsh; the different registers needed for communication in the workplace (e-mail, reports, minutes, meetings, interviews); the spoken, written and administrative skills needed in a professional workplace; group work and independent study. Designated Welsh Standards and the Welsh Government's target of reaching a million Welsh speakers by 2050 means that Welsh - business and professional Welsh in particular - has never been more relevant, or more exciting!

Adventure Tourism Management

One of the fastest growing sectors of the tourism industry is adventure tourism. This sector is particularly important for Wales, and is a key part of the Welsh tourism industry that's worth over £5 billion a year.

At Aberystwyth our degree builds on specialist knowledge of the tourism industry, particularly that based on outdoor activities. We are also based in a region where the opportunities for adventure are unparalleled, allowing you to develop your personal skills and experience to the highest levels. A unique element of this program is a skills module, designed to be completed with external providers during the summer vacations, which will give the opportunity for nationally recognised qualifications. A work experience module is compulsory for all entering the scheme which will further increase your career prospects.

Specialist opportunities at Aberystwyth for Adventure Tourism Management include:

- the opportunity to gain nationally recognised certifications
- extensive study tour program
- staff active in world-leading adventure tourism research

Key Facts

Degree type: BSc

UCAS code: N870

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Business and Management	p137
Business and Management Pathways	p138
Business Economics	p135
Business Finance	p136
Economics	p140
Marketing	p142
Tourism Management	p143

Employability

The degree in Adventure Tourism Management at Aberystwyth focuses on developing the skills needed to establish and operate tourism enterprises that focus on delivering holidays based around outdoor adventure activities. This course is built on strong business foundations, especially marketing and small business management. So in addition to being well-suited for the tourism sector, you will also be well-prepared for the entrepreneurial world.



Business Economics

Economics studies human choice and the impact of choice on the production, distribution and consumption of resources. Microeconomics deals with choice at the individual level whereas macroeconomics analyses the economy as a whole. At Aberystwyth we focus on the practical application of economic ideas, knowledge and methods within the context of professional decision-making situations.

The scheme applies economic knowledge to issues treated in a number of sub-disciplines related to business policy, and promotes the use of business statistics and graphic illustration, as opposed to the mathematical treatment of theoretical concepts and proofs. This programme will enable you to 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. These will help enhance transferable skills such as effective communication, IT applications, specialist statistical software, effective time management, team skills and independent research skills

Key Facts

Degree type: BSc

UCAS code: L113

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Adventure Tourism Management	p134
Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138
Economics	p140
Marketing	p142
Tourism Management	p143

- extra-curricular opportunities stemming from economics student society, such as events, personal development plans, departmental seminars, talks, study trips and business competitions

Employability

A 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. Our graduates have gone to work in various roles in the Government Economic Services, HM treasury, British Council, FDM group, Nexus Financial Consulting, and Kiva to name a few. Many have also pursued research and further studies in higher education.



Business Finance

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. Additional components concentrate on managerial finance, taxation, investment fundamentals, portfolio management and global finance. All these modules are taught by our expert staff who are all highly experienced in aspects of Business Finance. We strive to teach our students the fundamental knowledge needed to reach their goals in a stimulating environment.

Specialist opportunities at Aberystwyth for Business Finance include:

- professional exemptions from the UK professional accounting bodies exams
- joining our Investment Society to participate in a Wales and Ireland universities trading competition, won by our Aberystwyth team in recent years

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 from numerous graduate level employers; and they quickly find employment with popular UK and multi-national business finance organisations.



Key Facts

Degree type: BSc

UCAS code: N310

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Accounting and Finance Pathways	p132
Business Economics	p135
Business and Management	p137
Business and Management Pathways	p138
Economics	p140

"I am very fortunate to study at Aberystwyth University. The course structure is really interesting and stimulating. I believe that the degree will create a diverse range of opportunities for me in the future."

Simona Georgieva, student



Business and Management



Key Facts

Degree type: BSc

UCAS code: N122

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management Pathways	p138
Economics	p140
Marketing	p142
Tourism Management	p143

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, business and management.

Our hands-on staff will create a stimulating environment where you can develop your understanding of management in practice, and how it is relevant to business, trade and commerce in both the public and private sectors. We promote free and critical thinking and offer you opportunities to consider the complexity of management challenges 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 perceptions of 'good practice'. Our staff are committed to developing our students to succeed and achieve in the world of business.

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 fed 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 find successful employment as junior managers in international organisations or multi-national companies such as Goldman Sachs, Pricewaterhouse Coopers, Marks and Spencer and the Welsh Government.



BUSINESS AND MANAGEMENT PATHWAYS

Here at Aberystwyth Business School we are always looking to maximise employment opportunities for our graduates. Research has shown that taking a business and management degree with a related specialism such as marketing, can open up a variety of career paths. Our students will have a common first year to gain business breadth and then have the choice of a more specialist area to combine with Business and Management for the rest of their degree. These pathways are described here:

Business and Management with Business Economics (N1L1) *(subject to approval)

Business Economics focusses on the impact of choice on the production, distribution and consumption of resources through microeconomics and macroeconomic, which analyses choice at individual level or the economy. At Aberystwyth, we focus on the practical application of economic ideas, knowledge and methods within the context of professional decision-making situations.

We are committed to offering our students real-world application of their skills, to help prepare them for different situations they may experience in professional work, by applying economic knowledge to issues treated in several sub-disciplines related to business policy. While promoting the use of business statistics and graphic illustration, as opposed to the mathematical treatment of theoretical concepts and proofs. This pathway will enable you to 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 and Management with Business Economics at Aberystwyth will enjoy the benefits of both subjects giving flexibility for your future career.

Business and Management with French (N1R1) *(subject to approval)

French is widely spoken, not only in Europe, but also in North America and many countries in Africa. When you study French at Aberystwyth you'll acquire an in-depth knowledge of all aspects of the language, oral and written, and of the culture in which it is used. If you haven't been able to study French at school that is not a problem as we offer beginners' and advanced streams in the first year. This scheme also includes a third year abroad in a French-speaking country, which allows you not only to improve your mastery of the language, but to acquire a range of other transferable skills and intercultural awareness, which will stand you in good stead on the job market when you graduate.

Business and Management with German (N1R2) *(subject to approval)

German is the language of one of the UK's most important trading partners, Germany, and is also spoken in other European countries, e.g. Austria and Switzerland. When you study German at Aberystwyth you'll acquire an in-depth knowledge of all aspects of the language, oral and written, and of the culture in which it is used. If you haven't been able to study German at school that is not a problem as we offer beginners' and advanced streams in the first year. This scheme also includes a third year abroad in a German-speaking country, which allows you not only to improve your mastery of the language, but to acquire a range of other transferable skills and intercultural awareness which will stand you in good stead on the job market when you graduate.

Business and Management with Marketing (N1N5) *(subject to approval)

If you are interested in a subject that is exciting, dynamic and one that will combine elements of consumer behaviour, psychology, management, human resources and culture, then the Aberystwyth Marketing degree pathway is for you. It allows you to explore the changing use of information technology and digital media for marketing purposes in a creative and innovative way.

At Aberystwyth, we focus on developing your skills and knowledge in strategic and operational aspects of contemporary marketing theory and practice. Through case study analysis, real-life scenarios, and fundamental marketing theory you will be learning your craft on a stimulating course.

Aberystwyth University is an accredited CIM Graduate Gateway Centre, which means that you can gain exemptions for certain CIM modules.

Business and Management with Spanish (N1R4) *(subject to approval)

Spanish is a world language, spoken widely in Europe and Latin America. When you study Spanish at Aberystwyth you'll acquire an in-depth knowledge of all aspects of the language, oral and written, and of the culture(s) in which it is used. If you haven't been able to study Spanish at school that is not a problem as we offer beginners' and advanced streams in the first year. This scheme also includes a third year abroad in a Spanish-speaking country, which allows you not only to improve your mastery of the language, but to acquire a range of other transferable skills and intercultural awareness which will stand you in good stead on the job market when you graduate.

Business and Management with Tourism Management (N1N8) *(subject to approval)

Tourism is reputed to be the world's biggest industry. At Aberystwyth you'll study in a place where tourism helps a vibrant community thrive. You will gain in-depth knowledge of the UK and international tourism industry, and will develop your business knowledge through our emphasis on sustainable tourism and ecotourism.

We understand the value of real-world experiences, and so we emphasise realism and relevance in each of our modules. We use field visits, have guest speakers from the local tourism industry, and arrange residential study tours. The second year study tour involves an intensive week of study and practical exercises at a popular tourism destination. We strive to offer you a unique course that is relevant to the tourism industry and its development through stimulating opportunities.

Business and Management with Welsh for the Professional Workplace *(subject to approval)

Welsh for the professional workplace is a pathway designed to prepare you for a career in Business and Management in a contemporary, bilingual context. This pathway bolsters the linguistic competence of first and second-language students, giving you the confidence to use the professional and analytic skills embedded in each module.

The Department of Welsh and Celtic Studies (see p174) leads the sector with Professional Welsh and Professional Translation Studies, and has a designated Coleg Cymraeg Cenedlaethol lecturer in Cymraeg Proffesiynol (Professional Welsh). The modules offered in this pathway focus on the style and grammar of business Welsh; the different registers needed for communication in the workplace (e-mail, reports, minutes, meetings, interviews); the spoken, written and administrative skills needed in a professional workplace; group work and independent study. Designated Welsh Standards and the Welsh Government's target of reaching a million Welsh speakers by 2050 means that Welsh - business and professional Welsh in particular - has never been more relevant, or more exciting!

Economics

Economics focusses on human choice and its impact on the production, distribution and consumption of resources through microeconomics and macroeconomic, which analyses choice at individual level or the economy as a whole. At Aberystwyth, we are committed to giving you quality-led teaching of current topics to stimulate your intellectual mind and develop your skills.

You will focus on a wide range of issues impacting on everyday life including the creation of employment, inflationary pressures, international trade issues, the process of business competition, innovation and growth, the development of third world countries, the protection of natural resources, and government policy making. This will help you 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.

Students studying 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 designed to help you develop and enhance your transferable skills
- extra-curricular opportunities stemming from economics student society, such as events, personal development plans, departmental seminars, talks, study trips and business competitions

Available with...

You can study this subject with...
(major honours): Economic and Social History, Human Geography, International Politics, Mathematics, and Politics. For more information see page 180.

Key Facts

Degree type: BSc

UCAS code: L100

Duration: 3 years

Typical offer: BBB/120 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138

Employability

The skills you develop on this degree will help you enhance your employability prospects whether you want to get involved in policy analysis or government administration in the public sector, or work in banking and finance related areas in the private sector. You could also work in the third sector including non-government organisations (NGOs) and voluntary organisations. Our graduates have gone to work in various roles in the Government Economic Services, HM treasury, British Council, FDM group, Nexus Financial Consulting, and Kiva to name a few.



91%

student satisfaction for our L100 Economics degree scheme

(NSS 2017)

The sea view from the Hugh Owen Library on campus allows you to work in front of some awe-inspiring sunsets

Marketing

If you are interested in a subject that is exciting, dynamic and one that will combine elements of consumer behaviour, psychology, management, human resources and culture, then the Aberystwyth Marketing degree is for you. Our Marketing degree allows you to explore the changing use of information technology and digital media for marketing purposes in a creative and innovative way.

At Aberystwyth, we focus on developing your skills and knowledge in strategic and operational aspects of contemporary marketing that include branding, communications, relationships, consumer behaviour, the management of marketing and contemporary marketing practice. Through case study analysis, real-life scenarios, and fundamental marketing theory you will be involved in developing marketing strategies, tactical campaigns, and critiquing commercial marketing approaches on a stimulating course.

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

Employability

A degree in Marketing will enable you to access career opportunities in a wide range of areas including advertising, market research, product and brand management or customer relationship management, on a UK, European or international level.



*Course accredited

Key Facts

Degree type: BSc

UCAS code: N500

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138
Business Economics	p135
Business Finance	p136
Economics	p140
Tourism Management	p143

Available with...

You can study this subject with... (major honours): Spanish. For more information see page 180.



90%

student satisfaction for our N500 Marketing degree scheme

(NSS 2017)

Tourism Management

Tourism is reputed to be the world's biggest industry. At Aberystwyth you'll study in a place where tourism helps a vibrant community thrive. You will gain in-depth knowledge of the UK and international tourism industry, and will develop your business knowledge through our emphasis on adventure tourism, sustainable tourism and ecotourism.

We understand the value of real-world experiences, and so we emphasise realism and relevance in each of our modules. We use field visits, have guest speakers from the local tourism industry, and arrange two residential study tours. The second year study tour involves an intensive week of study and practical exercises at a popular tourism destination. Most recently, students have visited Malta and Gozo in order to examine planning issues related to the development of mass and alternative forms of tourism. We strive to offer you a unique course that is relevant to the tourism industry and its development through stimulating opportunities.

Specialist opportunities at Aberystwyth for Tourism Management students include:

- opportunities to study a European language in the first year
- assessed work experience between the first and second years
- studying in a vibrant seaside town, located in an area full of tourist attractions

Employability

A degree in Tourism Management points directly to career options such as travel agency manager, tourist information centre manager, tour manager, holiday representative, or tourism officer. It would also be useful for such roles as event organiser, hotel manager, customer service manager, outdoor pursuits manager or marketing executive, as well as a broad range of general business and management positions.

Key Facts

Degree type: BSc

UCAS code: N800

Duration: 3 years

Typical offer: BBC/112 points

Department: Aberystwyth Business School

Related courses:

Accounting and Finance	p131
Accounting and Finance Pathways	p132
Business Finance	p136
Business and Management	p137
Business and Management Pathways	p138
Business Economics	p135
Business Finance	p136
Economics	p140
Marketing	p142

Available with...

You can study this subject with... (major honours): French and Spanish. For more information see page 180.

"I have all these fantastic opportunities of adventure and memory making granted to me."

Emily Close





DEPARTMENT OF MATHEMATICS

Financial Mathematics	p145
Mathematics	p146

A mathematics degree at Aberystwyth introduces you to one of the most widely applicable of disciplines. Mathematics is a hugely employable degree - 93% of our mathematics graduates were in work or further study within six months of graduating (HESA 2017* see page 204). Aberystwyth has the longest tradition in Wales of excellence in teaching and research in mathematics and our inclusive community will help you realise your ambition and use what you've learnt to make your mark on the world.

At Aberystwyth you will be taught and mentored by lecturers who are here to help you achieve your full potential and are leaders in their research fields encompassing pure mathematics, applied mathematics, and statistics. Our expertise in and passion for quantum mechanics, solid and fluid mechanics and operator algebras feeds into our enthusiastic teaching; raising awareness of the latest research developments and applications brings our students to the frontiers of the subject, giving a sense of achievement and stimulating interest in further study.

Our degree schemes

Our mathematics courses are accredited by the Institute of Mathematics and its Applications (IMA), and the curriculum enables students to take joint courses with other departments in the University and to specialise in areas such as mathematical physics or data science.

All of our degree schemes presuppose competence in calculus and algebra, but no specific knowledge of either statistics or mechanics. The first year modules are designed to introduce you gradually to university mathematics and to provide continuity with traditional A level mathematics syllabuses.

It is possible to spend a year in employment between the second and third years of our degree schemes, working for an industrial or commercial company or, for example, a statistical section of the Civil Service.

The Department also offers a scholarship worth £500 per year and awards distinguished prizes every year for high achieving students. For further information see our website, or contact the Department.

Your future

The demand for numeracy and problem-solving skills is growing in all occupations, and mathematicians have a head start. We provide Aberystwyth graduates with the expertise to work in areas such as engineering, government, in information technology, and the scientific Civil Service. A substantial number find employment in commerce - in accountancy or merchant banking, for instance - or in teaching. Our courses also prepare graduates for further study on PhD, MSc or PGCE courses.

Facilities

In addition to the University's main library and computing facilities, there is an extensive mathematics section in the Physical Sciences Library located within the Department, powerful supercomputers and advanced visualisation graphics systems. There are over 300 study spaces within our building, distributed across the library and computer laboratories.

Studying through the medium of Welsh

The Department has a long tradition of supporting students who wish to study through the medium of Welsh. We aim to raise your confidence to present and deal with the subject both in Welsh and English, as is desirable for the workplace in Wales. The lectures are presented in English, and teaching is reinforced by Welsh medium tutorials, workshops, feedback seminars and other Welsh medium experiences. Some optional modules are offered completely through the medium of Welsh. This provision receives support from the Coleg Cymraeg Cenedlaethol, which offers Incentive Scholarships to study mathematics (www.colegcymraeg.ac.uk). For more information see www.aber.ac.uk/cy/maths/study-with-us/undergrad/welshmedium/

Financial Mathematics



*Course accredited

Key Facts

Degree type: BSc

UCAS code: G1N3

Duration: 3 years

Typical offer: BBB/120 points with B in Maths

Department: Department of Mathematics

Related courses:

Accounting and Finance	p131
Business Finance	p136
Data Science	p86
Mathematics	p146

The financial sector's demand for graduates with a mathematical background is huge. 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 economics and of financial accounting and management.

This course is accredited by the Institute of Mathematics and its Applications, the UK's learned and professional society for mathematics and its applications.

As a Financial Mathematics student at Aberystwyth you can expect to:

- benefit from the Department's long and distinguished history of and commitment to teaching excellence
- be given integrated training in the essential skills demanded by the financial sector from its graduate employees
- be taught by experts in their fields, at the forefront of research in mathematics, statistics and economics



Mathematics

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 this course 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 final year by choosing from a wide range of topics based on your own interests.

As a Mathematics student at Aberystwyth you can expect to:

- 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, the UK's learned and professional society for mathematics and its applications
- be taught by experts in their fields, at the forefront of research in mathematics and statistics

🔄 It is possible to follow this course after successful completion of a foundation year to bring you up to university entry-level mathematics, through our 4 year Mathematics with foundation year (G10F) BSc scheme.

🔄 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 at Masters level.



*Courses accredited

Key Facts

Degree type: BSc / MMath

UCAS code: G100 / G103

Duration: 3 years / 4 years

Typical offer:

BSc - BBB/120 points with B in Maths

MMath - AAB/136 points with A in Maths

Department: Department of Mathematics

Related courses:

Data Science p86

Financial Mathematics p145

Mathematical and Theoretical

Physics p157

Available with...

You can study this subject with...

(some as joint honours and some as major):

Accounting and Finance, Business and Management, Computer Science, Drama and Theatre Studies, Economics, Education, Film and Television Studies, French, German, History, Physical Geography, Physics, and Welsh. For more information see page 180.

🔄 For those who wish to focus more on particular parts 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).



**TOP
IN THE UK**

for teaching quality for the
subject of Mathematics

(The Times and Sunday
Times Good University
Guide 2018)



DEPARTMENT OF MODERN LANGUAGES

Modern Languages	p149
French	p150
Liberal Arts	p151
Spanish and Latin American Studies	p152

Modern Languages is a warm and supportive multilingual department that respects its students and what they bring to the community. We value our students' voice and we aim to motivate and engage you, making your time with us an enjoyable and stimulating experience. We strive to provide innovative teaching which allows you to excel and achieve your full potential, so that you are ready for life after your degree. Graduates from our Department also have a major advantage: you will have lived independently in at least one foreign country, and learnt the important social skill of communicating with people from different cultural backgrounds. Employers highly value these skills. With 38% more of our graduates entering work at professional level, compared to Language graduates nationally (HESA 2017* see page 204), we are confident that our degrees equip you for a bright future.

Many of our staff are native speakers of the languages they teach, and the soundscape of the Department reflects this linguistic multiplicity, encouraging you to perfect your language skills beyond the classroom. Our linguistic diversity is evident in our teaching and the attractive range of courses available at beginners' and advanced level. We go the extra mile to provide an environment conducive to creative language learning, offering practical study of both the written and spoken language. We deliver our teaching through traditional lectures and seminars, as well as computer-assisted learning (CAL) and regular oral classes with native speakers. By maintaining an ideal student-lecturer ratio, we are able to keep classes small and foster a hands-on approach to learning, preparing you for career opportunities as translators, linguists and journalists, to name a few.

Facilities

We offer outstanding facilities, including well-equipped language laboratories with computing and video recording equipment, together with a wide range of audiovisual materials. You can access live television broadcasts from Europe and further afield, and foreign-language newspapers and magazines are available in the Hugh Owen Library and the Department foyer. Each language also has an active student society.

In the Department there is a dedicated workroom for language students with computers, dictionaries, support materials and other reference works. The recently refurbished room includes an area where students can work together on group tasks or study individually, with furniture that can be reconfigured to suit requirements, making it an ideal alternative study space.

Your Year Abroad

All students studying a language to honours level normally spend their third academic year in the country of the language that they are studying. Students studying two languages will usually divide their time abroad equally between two countries. You should therefore, before entry to the University, apply for a four-year student loan. Students usually choose to study at a university, obtain a post as an English language assistant in a school, or find other employment in a country where the language they are studying is spoken. For those wanting to teach English abroad, the University offers a 'Teaching English to Speakers of other Languages' (TESOL) module.

Our degree schemes

In the first year, each language section within the Department adopts a similar pattern of study aimed at increasing your linguistic competence and deepening your familiarity with, and your understanding of the culture, film and literature of the language(s) studied. You will also benefit from a comprehensive introduction in tutorial form to your language studies and to related research and study skills.

Each language is available both at beginners' and advanced level. Beginners follow an intensive course in the first year which all follow a similar pattern, consisting of an intensive language module and a general introduction to European civilization and culture. The modules are designed for students with no previous knowledge of the language: they aim to introduce students to the sounds, common vocabulary and expressions, basic structures and grammar of the language. After the first year (Part 1), beginners are integrated into advanced language groups while still receiving additional support and attending extra classes.

Part Two is of three years' duration, including the year you spend abroad. Each language section offers a distinctive range of specialised modules, open to students from various single/joint honours and major/minor schemes. During your Year Abroad you will be expected to write a dissertation in the target language and/or a Personal Development Plan (PDP).

Modern Languages

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 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.

We believe that our students should be fully immersed in the languages they study. Our close-knit international community encourages our students to use these languages in their daily lives, while we also offer opportunities for students to study abroad. On your Year Abroad, your time is usually split between two countries, to facilitate your total immersion in more than one language and culture. We are committed to offering you opportunities to develop your language skills, and to learn about, enjoy and embrace the cultures of the countries where the languages you study are spoken.

Opportunities for you at Aberystwyth include:

- studying a wide range of specialised modules in literature, culture and linguistics
- the Year Abroad which enables you to live in a foreign country, fostering your enthusiasm for the languages you study
- motivation to develop a complex range of vocabulary and registers - supported by your Year Abroad - to prepare you for employment using the relevant language

Key Facts

Degree type: BA

Duration: 4 years

Typical offer: BBC/112 points with B in one relevant language unless to be studied as a beginner

Department: Department of Modern Languages

Related courses:

French	p150
Liberal Arts	p151
Spanish and Latin American Studies	p152

Employability

Modern linguists are statistically amongst the most employable graduates and our degrees take our students across the world. Our graduates enter the teaching profession, as well as securing jobs in administration or management. This degree opens the door to a wide variety of careers, such as the civil service, tourism, social work, librarianship, publishing and broadcasting.

The languages which form part of this degree are available both for beginners and advanced students. Beginners follow an intensive course in the first year.



French

Our staff boast expertise on a wide range of topics which allows you to pursue the French language to an advanced level, but also to gain an in-depth knowledge of French literature, history and culture. This degree is ideal for those who have established wide-ranging interests in the French-speaking world and are driven to learn more in our stimulating and friendly environment.

Our passionate and enthusiastic academics, experts in their respective fields, will guide you through various aspects, themes and periods of literature in French: French and Francophone history, French-language film culture, the history of ideas and of artistic movements and current affairs. At Aberystwyth, we are committed to your development, hence we offer several flexible opportunities to immerse yourself in the language and culture, and expand the skills you have acquired while spending the third year of your degree living independently in a French-speaking country.

Opportunities for you at Aberystwyth include:

- a comprehensive first year introduction to French studies and related research skills, in tutorial form
- a wide range of specialised content modules
- a substantial amount of teaching delivered in French, in relatively small groups
- a wide range of options available for the Year Abroad
- the opportunity to work with leading academics on your chosen topic for the compulsory final year dissertation

Available with...

You can study this subject with... (as joint honours): Creative Writing, English Literature, Film and Television Studies, German, History, International Politics, Mathematics, and Spanish. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: R120

Duration: 4 years

Typical offer: BCC/104 points with B in French unless to be studied as a beginner

Department: Department of Modern Languages

Related courses:	
Modern Languages	p149
Liberal Arts	p151
Spanish and Latin American Studies	p152

Employability

Modern linguists are statistically amongst the most employable graduates and our degrees take our students across the world. Our graduates enter the teaching profession, as well as securing jobs in administration or management. This degree opens the door to a wide variety of careers, such as the civil service, tourism, social work, librarianship, publishing and broadcasting.

🔗 This degree is available both for beginners and advanced students. Beginners follow an intensive course in the first year.

Liberal Arts

The Liberal Arts scheme allows you to embrace your own free-thinking and creativity. You can select from a range of subjects across the Arts and Humanities to construct a unique degree pathway tailored to your interests and ideas. Its essence throughout is to encourage you to develop an open-minded, flexible and innovative approach to present-day problems and issues. Throughout your studies you choose options from six innovative thematic areas, one of which you will elect as your area of major focus at the beginning of your second year. The six themes are: Exploring the Past; Languages; Literary Cultures; Media Cultures; Theatre and Performance; and Visual Cultures. We want you to enjoy our stimulating environment which fosters critical thinking and flexibility, and which will equip you for success.

Your tutors will be based in the departments of Modern Languages (which acts as the host for this programme), English and Creative Writing, History and Welsh History, Welsh and Celtic Studies, the School of Art, and Theatre, Film and Television Studies. Liberal Arts students take a core course designed especially for the programme and are taught by specialists from each subject area. The degree encourages you to refine your critical thinking and presents you with scholarship across the range of disciplines represented in the Institute of Arts and Humanities. We aim to ensure that you are able to contribute to discussions in these research areas from the start.

Opportunities for you at Aberystwyth include:

- developing your capabilities as critical thinker, writer and skillful presenter
- investigating the way digital, verbal, performance-based, and filmic media help us to construct and interpret our contemporary world and our own roles and opportunities within it
- exploring the cultural and historical foundations of our contemporary world and how they influence the present and its potential futures

Employability

In an era in which working practices and professional opportunities are rapidly changing, liberal arts graduates are in demand. The flexibility of the degree allows young people with vision to carve out their own niche in the job market and create career opportunities.

Key Facts

Degree type: BA

UCAS code: W4A1

Duration: 3 years

Typical offer: BBB-AAB/120-136 points

Department: Department of Modern Languages

Related courses:

Art History	p45
Celtic Studies	p175
Creative Writing	p97
Drama and Theatre Studies	p168
English Literature	p98
Modern Languages	p149
Film and Television Studies	p170
Fine Art	p47
French	p150
History	p109
Spanish and Latin American Studies	p152
Welsh	p176

The degree is particularly suited to jobs which require versatility, critical thinking, creativity, innovative ways to connect ideas and research from different backgrounds.

🔗 This scheme is also available as a 4-year MLibArts degree (W4A2). Integrated Masters enable you to secure a loan for the full duration of your course, rather than having to fund a Master degree separately. See page 179.



TOP 10
IN THE UK

for graduate prospects for
the subject of French

(The Times and Sunday
Times Good University
Guide 2018)

Spanish and Latin American Studies

The single honours Spanish and Latin American Studies degree at Aberystwyth teaches you Spanish to an advanced level as well as imparting an in-depth knowledge of the literature, culture and language(s) of Spain and Latin America. Our wide range of expertise will guide you through exciting topics such as Spanish and Latin American literature and cinema, Cuba and the Cuban Revolution, and Brazilian Portuguese. Living independently in a Spanish-speaking country during your Year Abroad, will allow you to test and develop your communication skills. At Aberystwyth, we are committed to giving you real-world opportunities that will encourage you to achieve your goals, and even surpass them.

Opportunities for you at Aberystwyth include:

- classes in Brazilian Portuguese
- a substantial amount of teaching delivered in Spanish, in relatively small groups
- a ground-breaking study and research skills course to equip you with the tools to reflect intellectually on past and contemporary literature, society, cinema and politics both in Spain and Latin America
- a wide range of options available for the Year Abroad
- the opportunity to work with leading academics on your chosen topic for the compulsory final year dissertation

Employability

In an era in which working practices and professional opportunities are rapidly changing, graduates who are aware of the multi-faceted nature of the world we live in are in demand. Modern linguists are statistically amongst the most employable graduates and our degrees take our students across the world in a wide variety of careers including tourism, social work, librarianship, publishing and broadcasting.

Key Facts

Degree type: BA

UCAS code: R401

Duration: 3 years

Typical offer: BBC/112 points with C in Spanish unless to be studied as a beginner

Department: Department of Modern Languages

Related courses:
 Modern Languages p149
 French p150
 Liberal Arts p151

📌 This degree is available both for beginners and advanced students. Beginners follow an intensive course in the first year.



85%

of our graduates entered work at professional level, 38% more than Language graduates nationally

(HESA 2017* see page 204)



DEPARTMENT OF PHYSICS



IOP Institute of Physics
Juno Practitioner

Astrophysics	p155
Engineering Physics	p156
Mathematical and Theoretical Physics	p157
Physics	p158
Physics with Planetary and Space Physics	p160
Space Science and Robotics	p161

When you study Physics at Aberystwyth, you will be part of a friendly, informal atmosphere in a Department with over 140 years of excellence in teaching and research. We are committed to small-group and laboratory-based teaching and we place a strong emphasis on project work where you can share our passion for the subject in our specialist areas of space, materials and quantum physics. Our dedicated staff will ensure that you develop your understanding in our superb laboratories and teaching spaces within a caring environment. Most of our courses are accredited by the Institute of Physics to ensure that you have a firm grounding in all areas of physics along with the opportunity to develop your specialist interests.

Our Department

Our scientists 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.

Our purpose-built Physical Sciences Building offers well-equipped teaching laboratories, lecture rooms, computing facilities, and a dedicated library. The building also houses state-of-the-art research laboratories, a planetary surface simulation laboratory, supercomputing resources, and 3D visualisation equipment.

Your future

Physics graduates are well-equipped for a wide range of career options, including further study (for example, PhD, MSc, PGCE). Recent graduates from Aberystwyth 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.

Go far with Aber

MPhys students studying Physics with Planetary and Space Physics in their final year have the opportunity of spending the entire second semester studying modules in space and ionospheric physics far within the Arctic circle at Norway's international university in the town of Longyearbyen on the island of Svalbard. This is an unparalleled opportunity to study physics amidst a dramatic landscape of snow-covered mountains, spectacular aurorae, polar bears, the midnight sun and glaciers.

Studying through the medium of Welsh

We have a long tradition of supporting our students to study physics through the medium of Welsh. The aim of the provision is to ensure you can present on and deal with the subject both in Welsh and English, as is desirable for the workplace in Wales. Teaching is reinforced by Welsh medium tutorials, workshops, feedback seminars and other Welsh medium experiences. Our provision receives support from the Coleg Cymraeg Cenedlaethol, which offers Incentive Scholarships to study physics through the medium of Welsh (www.colegcymraeg.ac.uk).

Astrophysics

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 areas which include 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 include:

- your final year project may link to current research in space physics and astronomy
- this degree is accredited by the Institute of Physics
- you will have access to specialist astronomical equipment
- being taught by researchers that are involved in the current European Space Agency ExoMars 2020 Project

Your future

A degree in Astrophysics 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.

🔗 We offer Astrophysics in several different varieties of course structure. 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 4 year Astrophysics with foundation year (F512) BSc scheme.

Key Facts

Degree type: BSc/MPhys

UCAS code: F510/F511

Duration: 3 years/4 years

Typical offer:

BSc - BBC/112 points with B in Physics and B in Maths

MPhys - BBB/120 points with B in Physics and B in Maths

Department: Department of Physics

Related courses:

Engineering Physics	p156
Mathematical and Theoretical Physics	p157
Physics	p158
Physics with Planetary and Space Physics	p160
Space Science and Robotics	p161
Robotics and Embedded Systems Engineering	p88, p90

🔗 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.



Engineering Physics

Engineering Physics focusses 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 study a year in industry we are confident that our innovative teaching and opportunities can equip you for a life of success.

Specialist opportunities for Engineering Physics students at Aberystwyth include:

- a year in employment is useful for gaining 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 planetary terrain
- being taught by researchers that are involved in the current European Space Agency ExoMars 2020 Project and engineering low dimensional materials (e.g. graphene).

Your future

A degree in Engineering Physics will prepare you for a career as an engineer or scientist in areas such as industrial R&D, product development and national research laboratories. Employment sectors include energy, photonics, space, IT, health and education.

Key Facts

Degree type: BEng / MEng

UCAS code: 179H (179G with integrated year in industry) / 168F (with integrated year in industry)

Duration: 3 years (179G is 4 years) / 5 years

Typical offer:

BEng - BBC/112 points with B in Physics and B in Maths

MEng - BBB/120 points with B in Physics and B in Maths

Department: Department of Physics

Related courses:

Astrophysics	p155
Data Science	p86
Mathematical and Theoretical Physics	p157
Physics	p158
Physics with Planetary and Space Physics	p160
Software Engineering	p89, p90
Space Science and Robotics	p161
Robotics and Embedded Systems Engineering	p88, p90

⚡ This course is also available as a 4-year degree, which includes an integrated year in industry.

⚡ 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. See page 179.



Mathematical and Theoretical Physics

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 include:

- mathematics and physics have been taught at Aberystwyth since the foundation of the university in 1872, making the university the first in Wales to teach these subjects
- your final year project can link to research groups in mathematics and physics

⚡ 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. See page 179.

“The course was fantastic. I completed two extremely interesting projects, one of which developed out of my interest in composite materials and the possible uses in Formula 1 racing.”

Les Mear, graduate

Key Facts

Degree type: BSc / MMath

UCAS code: F340 / F341

Duration: 3 years / 4 years

Typical offer:

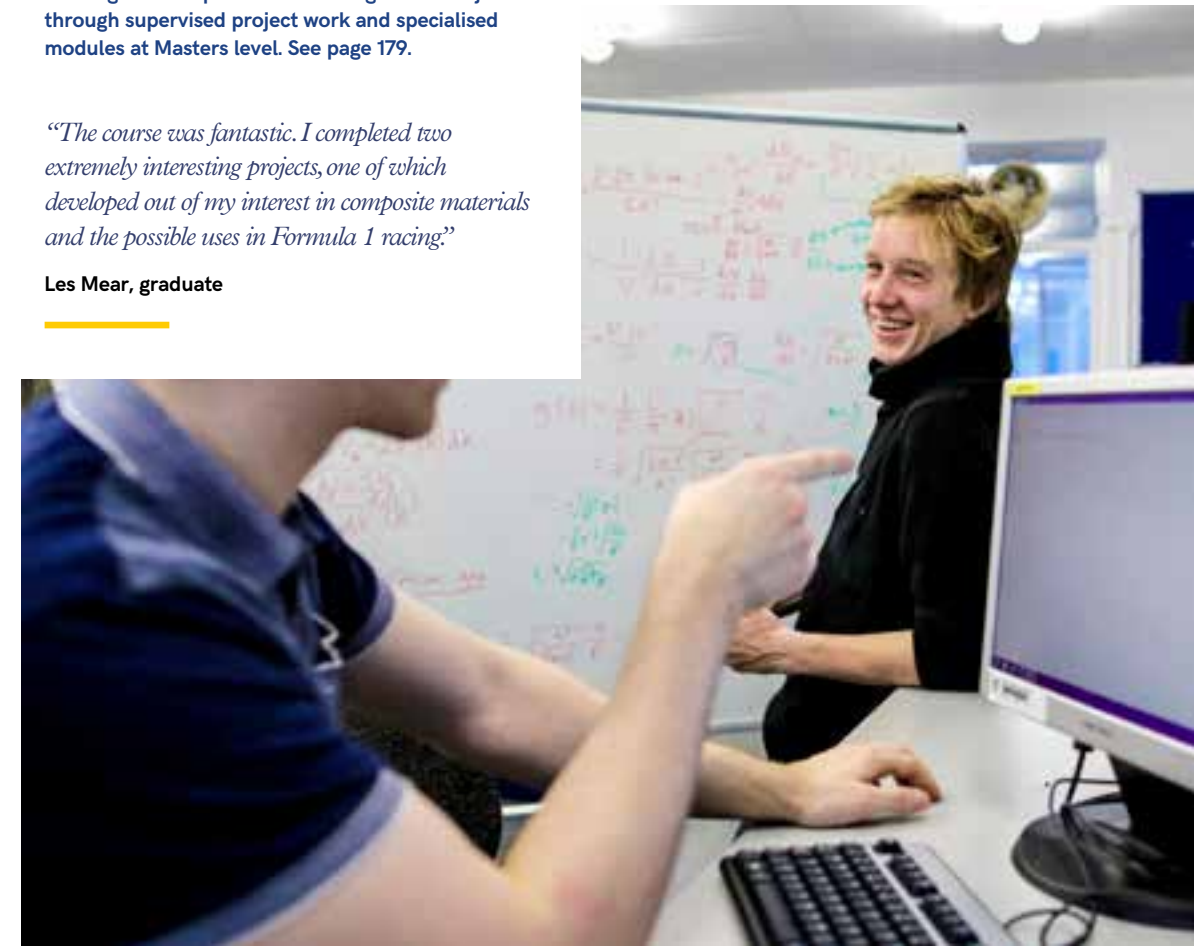
BSc - BBB/120 points with B in Maths and B in Physics

MMath - ABB/128 points with A in Maths and B in Physics

Department: Department of Physics

Related courses:

Astrophysics	p155
Engineering Physics	p156
Physics	p158
Physics with Planetary and Space Physics	p160
Space Science and Robotics	p161
Robotics and Embedded Systems Engineering	p88, p90



Physics

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, nano-science, optics, lasers and instrumentation.

Specialist opportunities at Aberystwyth for Physics include:

- over 140 years experience in excellence and teaching. Physics has been taught at Aberystwyth since the university was founded in 1872
- this degree is accredited by the Institute of Physics
- you may take final year projects linked to research specialisms in materials, quantum and space physics
- being taught by researchers that are involved in the current European Space Agency ExoMars 2020 Project and engineering low dimensional materials (i.e. graphene).

Your future

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.

🔗 We offer Physics in several different varieties of course structure. The Physics degree with foundation year (F301) is designed for those without the usual entry qualifications who have suitable background education, experience and motivation to undertake an accredited degree in physics.

🔗 We also offer Physics as a MPhys (F303) degree, which includes a fourth year to be taken after the three years of the F300 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level. In addition, we offer a 5 year version of the MPhys, which is the same, but also includes a year in industry (F305). See page 179.

Available with...

You can study this subject with... (some as joint honours and some as major): Computer Science, Mathematics, Business and Management, and Education. For more information see page 180.

Key Facts

Degree type: BSc / MPhys

UCAS code: F300 (F304 with year in industry) / F303 (F305 with year in industry)

Duration: 3 or 4 years / 4 or 5 years

Typical offer:

BSc - BBC/112 points with B in Physics and B in Maths

MPhys - BBB/120 points with B in Physics and B in Maths

Department: Department of Physics

Related courses:

Astrophysics	p155
Engineering Physics	p156
Mathematical and Theoretical Physics	p157
Physics with Planetary and Space Physics	p160
Space Science and Robotics	p161
Robotics and Embedded Systems Engineering	p88, p90



Physics with Planetary and Space Physics

Physics is the fundamental science that underpins our knowledge of how matter and energy interact in the universe. 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.

You will be guided through modules that include the evolution of the solar system, planetary interiors and surfaces, the sun as a star, comets, and red giants amongst others. You will also cover quantum mechanics, thermal physics, and atmospheric physics.

Specialist opportunities at Aberystwyth for Physics with Planetary and Space Physics include:

- your final year project may link to current solar system physics research
- this degree is accredited by the Institute of Physics
- physics with Planetary and Space Physics is one of the most established space physics courses in the UK
- being taught by researchers that are involved in the current European Space Agency ExoMars 2020 Project
- the possibility of spending a semester studying in the Arctic Circle on the island of Svalbard

Your future

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

Degree type: BSc / MPhys

UCAS code: F364 / F366

Duration: 3 years / 4 years

Typical offer:

BSc - BBC/112 points with B in Physics and B in Maths

MPhys - BBB/120 points with B in Physics and B in Maths

Department: Department of Physics

Related courses:

Astrophysics	p155
Engineering Physics	p156
Mathematical and Theoretical Physics	p157
Physics	p158
Space Science and Robotics	p161
Robotics and Embedded Systems Engineering	p88, p90

- ☛ We also offer this course as a MPhys (F366) degree, which includes a fourth year to be taken after the three years of the F364 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level and the possibility of spending a semester studying in the Arctic Circle. See page 179.

"The course gives you a great range of information from how the Sun works, to the possibility of life on other worlds and how we might discover them! All in all it's a pretty fantastic course - comparing the science of this world to that of others is real front-line exploration!"

Timothy Edward Andrew Powell

Space Science and Robotics

Unmanned exploration of the solar system has been one of the outstanding successes of the space age. Most of these spacecraft, orbiters, landers and rovers have been either fully command-controlled from the Earth or have been controlled by on-board programmes. Future missions, and particularly rovers, landing on Mars and more distant planets and moons, will require an ability to act independently of command-control and to adapt their behaviour to their surroundings.

This 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.

Specialist opportunities at Aberystwyth for Space Science and Robotics include:

- this degree scheme is the only one of its kind in the UK
- you will have 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

Your future

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

Degree type: BSc / MPhys

UCAS code: FH56 / FH5P

Duration: 3 years / 4 years

Typical offer:

BSc - BBC/112 points with B in Maths and B in Physics or Computer Science

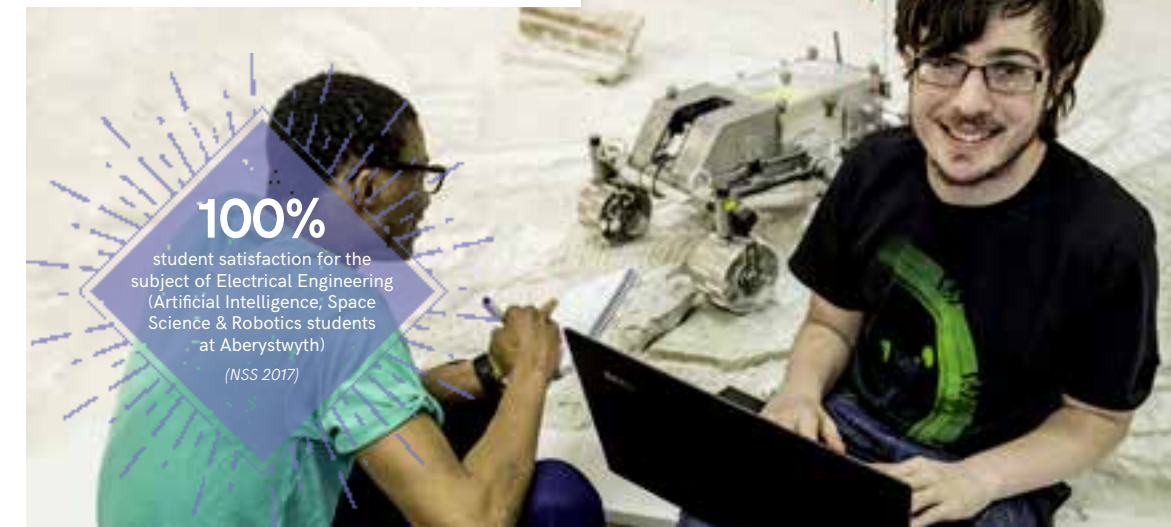
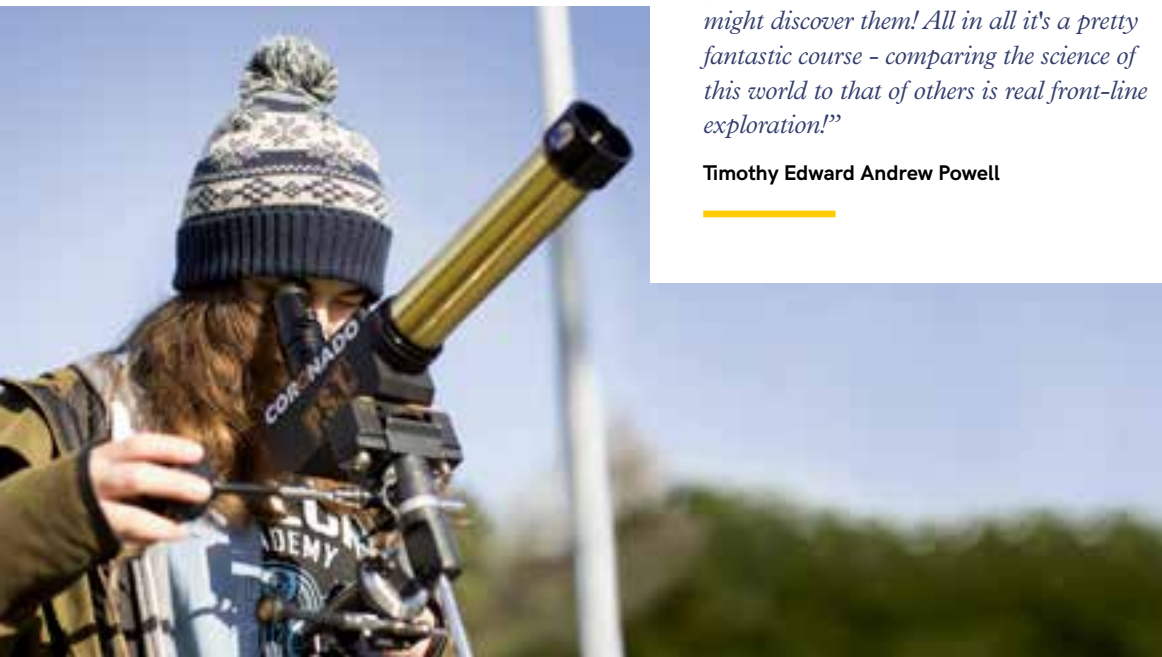
MPhys - BBB/120 points with B in Maths and B in Physics or Computer Science

Department: Department of Physics

Related courses:

Astrophysics	p155
Computer Science and Artificial Intelligence	p85
Engineering Physics	p156
Mathematical and Theoretical Physics	p157
Physics	p158
Physics with Planetary and Space Physics	p160
Software Engineering	p89, p90
Robotics and Embedded Systems Engineering	p88, p90

- ☛ We also offer this course as a MPhys (FH5P) degree, which includes a fourth year to be taken after the three years of the FH56 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Masters level. See page 179.





DEPARTMENT OF PSYCHOLOGY

Psychology	p163
Psychology and Criminology	p164
Psychology and Education	p165

When you study Psychology at Aberystwyth you get more than an education in theory. You'll receive a passionate understanding of the subject from staff who care not only for psychology, but also the community spirit we are so very proud of. You'll find a home here, a personal and dedicated approach where you can be yourself. You'll also have the opportunity to discover your interests in this outstanding subject whilst you really develop your knowledge in our exceptional labs within our warm and welcoming environment.

Our Department

Most of the degrees in our Department are accredited by the British Psychological Society (BPS), a mark of quality widely acknowledged by employers in the professional field, and one which grants the opportunity for our graduates to gain graduate membership of the society. BPS accreditation is important for Psychology students looking to maximise their future options. All of our degrees also meet the requirements of the Quality Assurance Agency for Higher Education (QAA).

The Department has strengths in many areas of psychology. Currently staff have interests in rural health, exercise and health psychology, developmental psychology, perception, social and critical psychology, music psychology, biological psychology, gender,

body image, and identity, counselling, coaching and mentoring, mental health, humour, evolution, forensic, language, and applied cognitive psychology.

Facilities

Our Psychology facilities, staff offices, seminar rooms and computer laboratory are all located in the same building. All the equipment and facilities allow the examination of psychological variables ranging from micro level audio and visual sensations and perceptions through to the psychophysiological processes that underlie human behaviour.

Your future

Psychology graduates are highly sought after in the graduate employment marketplace. Employers increasingly demand graduates with key transferable skills.

Our degrees prepare you for the postgraduate training required to pursue careers including psychotherapy, counselling, social work, human care, human resources management, careers advisory service, teaching (following a PGCE), academia and research. Our graduates acquire a good knowledge of human behaviour, and academic and research capabilities. These transferable skills mean that you are also well-placed to pursue other non-vocational options in management, market research, sales, the creative industries, the legal sector, local and regional government and administration.

Studying through the medium of Welsh

You can choose to study part of your degree through the medium of Welsh. Being able to work bilingually is a highly attractive skill to employers. This is never more evident than in psychological settings where bilingual clinical and educational psychologists and social workers are increasingly in demand. Students can study and converse bilingually on a range of academic modules where they engage in Welsh medium seminars and practicals in small teaching rooms. In addition, students have the opportunity to submit coursework and sit exams in Welsh regardless of the language provision of the module. Pastoral support from Welsh medium tutors is also provided to ensure that all students have the full support that they need.

**TOP
IN THE UK**
for teaching quality and
student experience for the
subject of Psychology

(The Times and Sunday
Times Good University
Guide 2018)



The British
Psychological Society
Accredited Undergraduate Psychology

*Courses accredited

Key Facts

Degree type: BSc

UCAS code: C800 (WF7F with year in industry, N1FW with year of study abroad)

Duration: 3 years (WF7F and N1FW are 4 years)

Typical offer: BBC/112 points with B in any subject

Department: Department of Psychology

Psychology

Psychology - the study of the mind and behaviour - is a diverse and dynamic topic. Our degrees are designed to develop and shape your understanding and provide you with skills that will enable you to continue to study after graduation, or find employment quickly. You will work and engage with lecturers who use their significant experience and their own research to create an inspiring, safe and supportive learning environment in which you can develop your own thinking.

The Department has excellent teaching and research facilities dedicated to your course. The laboratories and research spaces provide you with an array of facilities and equipment with which to explore. These resources allow you to develop your interests, and engage in creative problem-solving techniques as you progress towards your graduation.

Psychology students at Aberystwyth will enjoy:

- a wide range of expertise amongst our research-active staff
- eye tracking, EEG, Biopac 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

"Studying psychology at Aberystwyth changed my life. It expanded my world and gave me the courage to explore it."

James Johnson, graduate



97%

student satisfaction for our
C800 Psychology degree
scheme
(NSS 2017)

Psychology and Criminology



The British Psychological Society
Accredited Undergraduate Psychology

*Courses accredited

Key Facts

Degree type: BSc

UCAS code: CM89 (A1C6 with integrated year in industry)

Duration: 3 years (A1C6 is 4 years)

Typical offer: BBC/112 points with B in any subject

Department: Department of Psychology

Psychology and Criminology are two interrelated subjects that combine effectively so that you can benefit from the theoretical perspectives of crime with sociology, philosophy and psychology in mind. Learn from our passionate and expert academics why people commit crime and the social cultural repercussions of crime, with a close reference to the psychological mind, to gain and develop the crucial skills needed to enter this field of work.

Alongside modules in our supportive departments you have the opportunity to take a year in industry. This will put you a cut above the rest as you will be able to gain new skills, network with potential employers and develop the expertise needed to work in competitive industries. At Aberystwyth, we are committed to offering you real-world opportunities so that you can thrive and reach your potential.

Opportunities for students studying Psychology and Criminology at Aberystwyth include:

- study in a supportive, student-focused environment - our academic, support and technical staff are here for you every step of the way
- innovative approach to learning and teaching - the Department houses modern and innovative research facilities and top-class student learning spaces



98%

of our graduates were in work or further study within 6 months, 3% more than Psychology graduates nationally

(HESA 2017* see page 204)

Psychology and Education



The British Psychological Society
Accredited Undergraduate Psychology

*Courses accredited

Key Facts

Degree type: BSc

UCAS code: CX80

Duration: 3 years

Typical offer: BBC/112 points with B in any subject

Department: Department of Psychology

This new joint degree in Psychology and Education offers students 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.

On this degree you will develop a deeper understanding of children's cognitive and social development, and you'll have the opportunity to study and critique how these are supported through educational policy and practice.

Opportunities for students studying Psychology and Education at Aberystwyth include:

- being part of two very supportive departments, the Department of Psychology and the School of Education, who'll guide you through your experience
- an innovative approach to learning and teaching with support from staff with active research interests
- modern in-house research facilities and student learning spaces



96%

overall student satisfaction for courses in the Department

(NSS 2017)



DEPARTMENT OF THEATRE, FILM AND TELEVISION STUDIES

Drama and Theatre Studies	p168
Film-making	p169
Film and Television Studies	p170
Media and Communication Studies	p171
Scenography and Theatre Design	p172
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The Department of Theatre, Film and Television Studies at Aberystwyth is rooted in the beautiful, rural landscape and culture of Mid Wales and enjoys an international reputation as a centre of excellence for its student experience. We offer a wide range of independent but interrelated study schemes that are all characterised by the combination of critical and creative approaches to our disciplines. The intellectual, practical and transferable skills that you will develop through innovative practical work and challenging scholarly enquiry at Aberystwyth will prepare you for a variety of careers in the creative industries and far beyond.

Our inspiring team of lecturers, who are leading researchers and practitioners in design, film, television, media and theatre, work at the cutting-edge of their disciplines. They provide a focused and supportive community that is dedicated to unleashing your potential through creative teaching and informed access to the latest knowledge and technologies. The learning environment provided by the Department will encourage you to develop the skills necessary for expansive, critical and creative thinking and practice. We provide high quality academic and pastoral support so that you are able to maximise your potential to learn, experiment, discover and develop during your three years of study with us.

Collaborating with industry

The active working relationships our staff have with a range of companies, including the Edinburgh International Film Festival, S4C, the BBC, National Theatre Wales, Music Theatre Wales and the Tribeca Film Festival (New York), create a diverse range of opportunities for work experience and networking so that you can grow to understand the creative industries at first hand. All schemes focus on employability skills and professional practices and industries and there are different opportunities to engage with work experience across all areas of departmental study.

Our Department

Students have access to the following facilities and resources, including:

- 3 large professionally-equipped studios each with digital lighting rigs controlled via ETC Congo and Strand Lighting consoles, Yamaha and Soundcraft PAs, Sanyo AV systems and Strand lighting
- 3 camera High Definition television studio and gallery with green screen/chroma key and auto-cue capability
- 25 editing systems - Avid Media Composer and Adobe Premiere Pro software
- 50 professional High Definition cameras - P2 and AVCHD formats; DSLR, including Panasonic, Canon and GoPro cameras
- digital sound studio with advanced multi-track digital recording via Logic Pro, 12 GB Mac Pro and Yamaha O1V
- main performance space with Yamaha M7 (ES) and full range Nexo PA consisting of eight PS10s, two RS18 and two NXAMP
- costume and wardrobe facilities
- model making room and construction spaces
- lecture theatres with integrated screening facilities
- analogue film facilities
- in-house cinema with dubbing, grading and editing facilities
- access to the National Sound and Screen Archive of Wales

Your future

Our wide-ranging degree schemes allow graduates to establish themselves in a variety of different fields, working in acting, performing, teaching, marketing, public relations, advertising, film programming, or as freelance film-makers, researchers, journalists, editors, floor managers, camera operators, designers and directors. Our courses will prepare you for a variety of careers in the creative arts and beyond. Some of our esteemed alumni include Sharon Maguire (Director, Bridget Jones' Diary) and Alex Jones (BBC *One Show*).

Studying through the medium of Welsh

The Department has a range of Welsh speaking staff across all its key study areas and offers two degrees completely through the medium of Welsh: Drama and Theatre Studies (W401), and Film and Television Studies (W621). These schemes are eligible for the Coleg Cymraeg Cenedlaethol's Main Scholarship and the William Salesbury scholarship. For further details contact the Department.



Drama and Theatre Studies

This exciting degree promotes imagination, creativity and critical thinking. By combining theory and practice, you will be empowered to develop your skills and capabilities as a theatre-maker and creative thinker. You will explore what drama, theatre and performance have been, are now, and can be in the future, supported by internationally-recognised staff with a wide range of expertise. Across the three years of the course we engage you in a process of investigation and questioning that builds your practical theatre-making skills and extends your critical and creative capacities. You will encounter and explore a wide range of contemporary theatre practices, 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
- inspiring staff with a wide range of expertise in research and/or professional theatre-making
- connections with key industry partners, such as National Theatre Wales, Music Theatre Wales, Quarantine Theatre Company, and Theatr Genedlaethol Cymru

Available with...

You can study this subject with... (joint honours): Creative Writing, Education, English Literature, Film and Television Studies, French, History, International Politics, Mathematics, Scenography and Theatre Design, Spanish, and Welsh. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: W400

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Film and Television Studies p170
Media and Communication Studies p171
Scenography and Theatre Design p172

- close links with Aberystwyth Arts Centre, one of the largest arts centres in Wales, which regularly presents national and international theatre and dance work

🔗 **Subject to approval, this course will also be available as a 4-year degree including an integrated year in professional practice. For further details contact the Department.**



Film-making

There is no rulebook on how films are produced, there are only guidelines and limitless imagination. Film production is limited by the considerations and goals of the film studio/financiers, the projects producer, director, the sales agent and of course the parameters of the budget.

Our exciting and innovative Film-making degree will examine the long and complicated process of how a film is conceived, financed, shot, delivered and exploited. Through your own exploration and the guidance of our expert staff, some of whom have been involved in cinematic hits like the Harry Potter series, and have been involved in the completion and delivery of over 200 productions, you will gain valuable insights into the experience and the networking opportunities needed to enter the film industry. This exciting and inspiring course in a stimulating environment will help you unlock your potential.

Film-making students at Aberystwyth will enjoy:

- being taught by staff who are experts in the field of film-making and have excellent connections to 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 suites with Avid Media Composer and



Key Facts

Degree type: BA

UCAS code: P301

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Drama and Theatre Studies p168
Media and Communication Studies p171
Scenography and Theatre Design p172
Liberal Arts p151

- Adobe Premiere Pro; editing lab and workshop with 12 work stations; 50 professional HD cameras in P2 and AVCHD formats, including Panasonic 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 and a tailor-made mentoring programme with industry professionals

Film and Television Studies

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 vibrant and 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 aesthetics, digital cultures, gaming, fandom and reception. 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 field.

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, Fiction Factory, Edinburgh International Film Festival, Tribeca Film Festival (New York), ITV Wales Film and Video Archive, BBC Wales Archive, and the National Screen and Sound Archive of Wales at the National Library of Wales
- superb facilities and resources for practical work: HD television studio and gallery with green screen/chroma key and auto-cue capability; digital sound studio with advanced multi-track recording; brand new cinema, colour grading and dubbing suite; 10



You can study this subject with...
(joint honours): Creative Writing, Drama and Theatre Studies, English Literature, Fine Art, French, Mathematics, Scenography and Theatre Design, and Welsh. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: W620

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Drama and Theatre Studies	p168
Media and Communication Studies	p171
Scenography and Theatre Design	p172
Liberal Arts	p151

- dedicated edit suites with Avid Media Composer and Adobe Premiere Pro; editing lab and workshop with 12 work stations; 50 professional HD cameras in P2 and AVCHD formats, including Panasonic and Canon; Sennheiser, Rode, Tascam and Marantz audio recording equipment; Super 8 and 16mm film equipment, including Bolex cameras, hand-processing tanks, Steenbeck editing table, JK optical printer, HD film scanner and darkroom facilities.
- close links with Aberystwyth Arts Centre, which hosts a range of events such as Abertoir Horror Festival, Wales One World Film Festival, Cult Film Night.

Media and Communication Studies

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 Media and Communication Studies 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 the media policy and history, advertising, digital journalism, gender and media, videogames, 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 National Screen and Sound Archive of Wales and ITV Wales Archive which is a stone's throw away from the Penglais campus

Key Facts

Degree type: BA

UCAS code: P300

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Drama and Theatre Studies	p168
Film and Television Studies	p170
Scenography and Theatre Design	p172



Scenography and Theatre Design

This degree offers an inspiring and innovative approach to design for theatre and performance by exploring it through the practice of scenography: the interplay of space, time, movement and light on stage. Supported by internationally-recognised staff with a wide range of professional design expertise, you will look beyond the established boundaries of set, costume, lighting and sound design to take a holistic view of performance space. Through practical and theoretical explorations you will examine and engage with a wide range of contemporary design practices from playhouse theatre to site-specific performance and from environmental theatre to performance installation. Across the three years of the course you will develop your own practice as an independent scenographic artist, applying your acquired knowledge and skills to the making of work that is fresh, contemporary and expressive, within or beyond the frameworks 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



You can study this subject with... (joint honours): Creative Writing, Drama and Theatre Studies, and Film and Television Studies. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: W460

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Drama and Theatre Studies p168
Film and Television Studies p170
Media and Communication Studies p171

- 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

This degree provides a balance between critical academic approaches, practical experience, and increasingly independent work to develop the skills you need to pursue career opportunities in the creative media and beyond. 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.



Writing for Broadcasting, Media and Performance

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 supportive 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 internationally-recognised staff provide a stimulating learning environment that 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

Key Facts

Degree type: BA

UCAS code: P302

Duration: 3 years

Typical offer: BBC-BBB/112-120 points

Department: Department of Theatre, Film and Television Studies

Related courses:

Drama and Theatre Studies p168
Media and Communication Studies p171
Scenography and Theatre Design p172
Liberal Arts p151

- 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 Aberystwyth Arts Centre
- close proximity to the National Screen and Sound Archive of Wales





DEPARTMENT OF WELSH AND CELTIC STUDIES

Celtic Studies	p175
Cymraeg (Welsh)	p176
Cymraeg a'r Ieithoedd Celtaidd (Welsh and the Celtic Languages)	p177
Cymraeg Proffesiynol (Professional Welsh)	p178

The Department of Welsh and Celtic Studies is a close-knit yet outward-looking Department that offers a supportive environment for all its students, from absolute beginners to confident and fluent speakers.

The broad research interests of our staff means that Aberystwyth offers you a complete learning experience: Welsh language and literature, the Celtic languages and their literature, Celtic Studies, Professional Welsh, literary criticism, creative writing and translation studies. You choose!

Our department

Our innovative and stimulating courses encompass Welsh in the professional workplace, translation studies, contemporary poetry and fiction, literary criticism, creative writing, medieval literature, and women's writing, alongside Irish, Breton and Scottish Gaelic. Our staff are experienced and thorough researchers in these fields, and they produce world-class research that feeds into their teaching. Staff contribute to Welsh cultural life through the media and eisteddfodau, and also regularly give talks to Welsh and international audiences. As a Department, we are committed to delivering engaging courses that develop our students' minds and inspire them to fulfil their potential.

Aberystwyth University is unique in Great Britain for its degree schemes in Irish Language and Literature. Research and teaching in the Department covers all periods of the language and its literature, from the earliest period down to the present day. It is also offered as part the Liberal Arts degree (see pages 151).

The Department is located in the Hugh Owen Building on the main Penglais campus, right next to the University's main library and its comprehensive Welsh and Celtic collection. Take a five-minute walk, and you'll find yourself at the National Library of Wales with its unrivalled collection of manuscripts, books, journals and films.

Irish Language and Literature is currently available as a joint honours degree with Education (QX5H). Students also have the option of spending some of their third year studying at one of our partner universities in Ireland. Irish Language and Literature graduates have many options such as translation, publishing and the media, as well as education where Irish teachers, and teachers with competence in Irish, are always in demand. Our Irish Language and Literature joint honours degrees meet the requirements of the Teaching Council of Ireland and the General Teaching Council for Northern Ireland.

Your future

With 100% of our graduates in work or further study within six months (*HESA 2017* see page 204*), we are certain that our wide range of courses and excellent facilities will equip you with the necessary skills for your chosen career. Our graduates can be found in prominent roles in the media, politics, education, business, publishing, the translation sector and the heritage industry. Visit our website to see our graduate profiles.

Additional opportunities

Students can enhance their learning experience by attending public lectures, seminars and events organised by the Department and the Institute (IAH), the University, the nearby National Library of Wales and the University of Wales Centre for Advanced Welsh and Celtic Studies. The award-winning Aberystwyth Arts Centre, which is a stone's throw from the Department, also holds a wide range of events and live performances throughout the year.

Celtic Studies

Aberystwyth is renowned for its dedicated exploration of the Celtic languages and their associated cultures, histories and literatures. Our Celtic Studies degree will provide you with a unique opportunity to learn about Celtic languages and their cultures in a supportive community. The first year will equip 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 the Celts from the earliest history to the present day. Welsh and Irish remain at core of our language provision, but the range of modules available allows you to explore other linguistic and literary interests.

Here at Aberystwyth, we are committed to broadening your knowledge and equipping you with the skills and experiences that will help you achieve your goals. That is why we offer you the opportunity to study abroad as part of the Erasmus+ scheme, enabling you to apply and test your knowledge in a new setting.

Students studying Celtic Studies at Aberystwyth will enjoy:

- the opportunity to hear and use Welsh within a Welsh-speaking community
- an international and diverse scholarly community and stimulating research environment
- proximity to the National Library of Wales and the Centre for Advanced Welsh and Celtic Studies

Key Facts

Degree type: BA

UCAS code: Q500

Duration: 4 years

Typical offer: BCC/104 points with evidence of linguistic ability

Department: Department of Welsh and Celtic Studies

Related courses:

Cymraeg Proffesiynol (Professional Welsh)	p178
Welsh/Cymraeg	p176
Welsh and the Celtic Languages	p177

✦ This course is also available through the medium of Welsh (Q501).

“The great thing about the course is that it takes place in a Welsh-speaking environment. It is an amazing opportunity for students like me who have no previous knowledge of Welsh to be able to put their newly-gained knowledge into practice as soon as possible.”

Jan Zajec, student



Cymraeg (Welsh)

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. Our staff are active researchers and their expertise allows them to teach with confidence and enthusiasm, as they encourage students to become informed and independent individuals.

There are several entry points for learning Welsh here: 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

✦ **The beginners level Welsh (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.**

Available with...

You can study this subject with... (joint honours): Computer Science, Drama and Theatre Studies, Education, Film and Television Studies, Geography, History, International Politics, Mathematics, Spanish and Welsh History. For more information see page 180.

Key Facts

Degree type: BA

UCAS code: Q560 (1st & 2nd languages), Q522 (beginners)

Duration: 3 years (Q522 is 4 years)

Typical offer:
Q560 - BCC/104 points with B in Welsh 1st or 2nd Language
Q522 - BCC/104 points with evidence of linguistic ability

Department: Department of Welsh and Celtic Studies

Related courses:

Celtic Studies	p175
Cymraeg Proffesiynol (Professional Welsh)	p178
Welsh and the Celtic Languages	p177

"The great thing about the course is that it is kept interesting at all times and I enjoy the time I spend in seminars. The lecturers are very friendly and helpful and always make sure that everyone is happy with what they are learning."

Alys Hughes, student (Welsh for beginners)

98%

student satisfaction for academic support

(NSS 2017)

Cymraeg a'r Ieithoedd Celtaidd (Welsh and the Celtic Languages)

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 under the Erasmus+ scheme. 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.

Key Facts

Degree type: BA

UCAS code: Q562

Duration: 3 years

Typical offer: BCC/104 points with B in Welsh 1st or 2nd Language

Department: Department of Welsh and Celtic Studies

Related courses:

Celtic Studies	p175
Cymraeg Proffesiynol (Professional Welsh)	p178
Welsh/Cymraeg	p176

Students studying Welsh and Celtic Languages at Aberystwyth will enjoy:

- being part of the oldest Welsh and Celtic studies department in Wales
- joining the only academic department in Britain that teaches all the living Celtic languages: Welsh, Breton, Irish and Scottish Gaelic

✦ **This course is only available through the medium of Welsh**

100%

of our graduates were in work or further study within 6 months, 7% more than Language graduates nationally

(HESA 2017* see page 204)



Cymraeg Proffesiynol (Professional Welsh)

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, 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 and creative writing, or you can add another language to your professional CV by studying Irish or Breton.

Key Facts

Degree type: BA

UCAS code: Q5PO

Duration: 3 years

Typical offer: BBC/112 points with B in Welsh 1st Language

Department: Department of Welsh and Celtic Studies

This course is only available through the medium of Welsh

Related courses:

Celtic Studies p175

Welsh/Cymraeg p176

Welsh and the Celtic Languages p177

Students of Cymraeg Proffesiynol at Aberystwyth will enjoy:

- having the support of a designated lecturer in Cymraeg Proffesiynol on the first scheme of its kind in Wales
- being part of the oldest Welsh and Celtic studies department in Wales
- the opportunity to study another Celtic language alongside Welsh: Breton, Irish or Scottish Gaelic

✦ **This course is only available through the medium of Welsh**

100%
overall student
satisfaction

(NSS 2017)

COMBINE YOUR SUBJECTS

Thinking about the future and trying to decide what you want to do can be daunting. To help you here is some basic information about the academic side of life at Aberystwyth.

Degrees, the facts...

- Undergraduate degrees last for between 2 and 5 years, depending on what type they are. The majority of bachelor honours degrees are 3 years. If you study a language, you will spend an additional year abroad, and some courses include an additional foundation year or a year in industry.
- Integrated Masters degrees typically last 4 years, but with work experience can be 5 years in duration.
- The academic year is divided into two semesters which run from September to February and February to June, with breaks at Christmas and Easter.
- Your studies are organised into two parts - Part One (the first year) and Part Two (the remaining years). Part 1 allows you to explore the field you have chosen, and find out what really interests you. You can also study optional modules in an academic field which is new to you. Part 2 counts towards your final degree marks.
- A module is a specific course which is assigned a credit value. A credit value is linked to the total learning time associated with it e.g. 10 credit module has a notional learning time of 100 hours including class time and work outside the classroom.
- A full-time student is required to study 120 credits each year, usually 60 credits per semester. For example, to achieve a three-year honours degree you need to study 360 credits over your 3 years here, at least 120 of which must be in Year 3 modules.
- Your work will be assessed through several ways, ranging from exams to practical assessments of laboratory and field work, an evaluation of your contribution to group and seminar presentations, and project work.

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

Foundation degrees

These are vocational qualifications that are suitable if you wish to develop your knowledge or retrain. Depending on what length of compulsory work placement you want, you can qualify with a foundation degree within 2 or 3 years.

Bachelors honours degrees with foundation year

These offer a year's preparatory study, prior to the bachelors degree.

Bachelors single honours degrees

Enable you to specialise in one particular subject.

Bachelors joint honours degrees

Enable you to study two subjects equally (see next page).

Bachelors major/minor honours degrees

These provide you with a rigorous basis in one discipline, with the advantage of pursuing an additional subject of interest to you (see next page).

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.

Joint and major/minor honours combinations

To enable you to take the combination of subjects that best suits your interests and requirements, the University has established a wide range of joint and major/minor honours combinations.

The flexibility of the major/minor honours combinations provide you with the opportunity, for example, to study a specific vocationally-orientated topic alongside a high quality academic subject. You spend two-thirds of your time studying your major subject, and a third of your time on the minor subject. To work out what the typical offers are for a major/minor honours degree, consult the main subject entries for both subjects – the overall grades (or tariff points) requirement will be that of the major subject, and you will then also need to achieve any specific subject requirements of both subjects.

If you wish to pursue joint honours then you should consult the main subject entries in this prospectus of both the subjects you would like to study. The overall grades (or tariff points) requirement will be the higher of the two, and you will then also need to achieve any specific subject requirements of both subjects.

*In the following pages, courses marked with a * indicate courses taught wholly or partly through the medium of Welsh. For more information visit our website.*

Joint honours degree schemes

Accounting and Finance and Spanish _____ NR44

Applied Mathematics and Pure Mathematics _____ G130
Statistics _____ GG13

Art History and Fine Art _____ WV13

Biochemistry and Genetics _____ CC47, CC48

Computer Science and Mathematics _____ GG14
Physical Geography _____ FG84
Physics _____ FG34
Welsh _____ M6P1*

Creative Writing and Drama and Theatre Studies _____ W841
Film and Television Studies _____ WP83
Fine Art _____ WW18
French _____ WR81
Scenography and Theatre Design _____ W847
Spanish _____ WR84

Criminology and Psychology _____ CM89 + A1C6

Daearyddiaeth and History _____ LVR1*
International Politics _____ LL7F*
Welsh _____ LQ75*
Welsh History _____ LVT1*

Drama and Theatre Studies and Creative Writing _____ W841
Education _____ WX43
English Literature _____ QW34
Film and Television Studies _____ WW64 + WWP4*
French _____ RW14
History _____ WV41
International Politics _____ LW24
Mathematics _____ GW14
Scenography and Theatre Design _____ W432
Spanish _____ RW44
Welsh _____ QW54*

Education and Drama and Theatre Studies _____ WX43
English Literature _____ QX33
Fine Art _____ WX13
History _____ VX13
Irish Language and Literature _____ QX5H
Mathematics _____ GX13
Psychology _____ CX80
Welsh _____ QX53*

English Literature and Drama and Theatre Studies _____ QW34
Education _____ QX33
Film and Television Studies _____ QW36
Fine Art _____ WQ13
French _____ QR31
History _____ QV31
Human Geography _____ LQ73
Spanish _____ QR34

Fine Art and Art History _____ WV13
Creative Writing _____ WW18
Education _____ WX13
English Literature _____ WQ13
Film and Television Studies _____ WW16

Major/minor degree schemes

Accounting and Finance with Management _____ N4N2
Marketing _____ N4N5
Mathematics _____ N4G1

Art History with Fine Art _____ V3W1

Business and Management with Spanish _____ N1R4
Welsh _____ N1Q5*

Economics with Economic and Social History _____ L1V3
Human Geography _____ L1L7
International Politics _____ L1LF
Mathematics _____ L1G1
Politics _____ L1L2

Education with History _____ X3V1
Human Geography _____ X3L7
Mathematics _____ X3G1
Spanish _____ X3R4

Fine Art with Art History _____ W1V3

German with Business and Management _____ R2N1

Human Geography with Business and Management _____ L7N1
Economics _____ L7L1

Joint honours degree schemes (continued)

Film and Television Studies and Creative Writing _____ WP83
Drama and Theatre Studies _____ WW64 + WWP4*
English Literature _____ QW36
Fine Art _____ WW16
French _____ RW16
Mathematics _____ GW16
Scenography and Theatre Design _____ WP43
Welsh _____ QWM6*

French and Creative Writing _____ WR81
Drama and Theatre Studies _____ RW14
English Literature _____ QR31
Film and Television Studies _____ RW16
German _____ RR12
History _____ RV11
International Politics _____ LRF1
Mathematics _____ GR11
Spanish _____ RR14

Genetics and Biochemistry _____ CC47

German and French _____ RR12
History _____ RV21
Mathematics _____ GR12
Spanish _____ RR24

History and Drama and Theatre Studies _____ WV41
Education _____ VX13
English Literature _____ QV31
French _____ RV11
Geography _____ LVR1*
German _____ RV21
International Politics _____ LVF1 + VLD2*
Mathematics _____ GV11
Spanish _____ RV41
Welsh _____ QV51*
Welsh History _____ VV21*

Human Geography and English Literature _____ LQ73

International Politics and Drama and Theatre Studies _____ LW24
French _____ LRF1
Geography _____ LL7F*
History _____ LVF1 + VLD2*
Spanish _____ LRF4
Welsh _____ LQF5*
Welsh Politics _____ L245*

Irish Language and Literature and Education _____ QX5H

Marketing and Spanish _____ NR54

Mathematics and Computer Science _____ GG14
Drama and Theatre Studies _____ GW14
Education _____ GX13
Film and Television Studies _____ GW16
French _____ GR11
German _____ GR12
History _____ GV11
Physical Geography _____ FG81
Physics _____ FG31
Welsh _____ GQ15*

Physical Geography and Computer Science _____ FG84
Mathematics _____ FG81

Physics and Computer Science _____ FG34
Mathematics _____ FG31

Psychology and Criminology _____ CM89 + A1C6
Education _____ CX80

Pure Mathematics and Applied Mathematics _____ G130
Statistics _____ GGC3

Scenography and Theatre Design and Creative Writing _____ W847
Drama and Theatre Studies _____ W432
Film and Television Studies _____ WP43

Spanish and Accounting and Finance _____ NR44
Creative Writing _____ WR84
Drama and Theatre Studies _____ RW44
English Literature _____ QR34
French _____ RR14
German _____ RR24
History _____ RV41
International Politics _____ LRF4
Marketing _____ NR54
Welsh _____ QR54*

Statistics and Applied Mathematics _____ GG13
Pure Mathematics _____ GGC3

Welsh and Computer Science _____ M6P1*
Drama and Theatre Studies _____ QW54*
Education _____ QX53*
Film and Television Studies _____ QWM6*
Geography _____ LQ75*
History _____ QV51*
International Politics _____ LQF5*
Mathematics _____ GQ15*
Spanish _____ QR54*
Welsh History _____ QVN1*

Welsh History and Geography _____ LVT1*
History _____ VV21*
Welsh _____ QVN1*

Welsh Politics and International Politics _____ L245*

Major/minor degree schemes (continued)

International Politics with Economics _____ L2L1
Law _____ L2M1

Law (BA) with Business and Management _____ M1N1
Criminology _____ M1M9
French _____ M1RC
International Politics _____ M1LF
Politics _____ M1L2
Welsh _____ M1Q5

Law (LLB) with French _____ M1R1
German _____ M1R2
Spanish _____ M1R4

Mathematics with Accounting and Finance _____ G1N4
Business and Management _____ G1N1
Economics _____ G1L1
Education _____ G1X3

Modern Languages with Business and Management _____ T9N1

Physical Geography with Education _____ F8X3
Mathematics _____ F8G1

Physics with Business and Management _____ F3N1
Education _____ F3X3

Politics with Law _____ L2MC

Spanish with Accounting and Finance _____ R4X3
Marketing _____ R4N5

Tourism Management with French _____ N8R5
Spanish _____ N8R6

YOUR NEXT STEPS...

How to apply

UCAS will start to process applications for entry in autumn 2019 from 1 September 2018, and you are advised to apply as early as possible, once you have carefully considered your choice of courses. It is in your best interests to apply by 15 January 2019, as UCAS guarantees that all applications received by this date will be given equal consideration. You can still apply after this date, but late applications will be considered by institutions at their discretion, and no guarantee can be made that they will be given the same level of consideration.

When you are ready to make an application go to the UCAS website: www.ucas.com. Here you will find information about how to register and make an online application, as well as information regarding the application fee UCAS charges.

Once you have decided what course you want to study, and where, here's a brief overview of what you need to do next.

Applying in Welsh

You can complete your application in Welsh if you wish by selecting the language preference on the registration page of the UCAS website.

Tracking your application

Once you've sent off your application you can follow its progress online via UCAS Track. When each course provider makes their decision UCAS will let you know that something has changed within your application so you can check it. If you get an offer from one of your chosen course providers you can log in and read your offer letter. You also use Track to accept or decline offers, as well as to change personal details like your address, phone number and email.

What happens next...

When you apply you will be given a **UCAS Personal ID** which is unique to you, and you should quote this in any correspondence with the institutions to which you have applied.

UCAS will process your application, and will send you a welcome email confirming your personal details and choices (usually within 14 days).

Receiving our decision

Each application we receive is considered on its own merit, and everyone is eligible to apply to us for admission as a student. We believe it is important that you receive a decision on your application as promptly as possible. We normally make a decision within 4 weeks at the latest of receiving your application. Some applicants may be called for interview, but the majority of offers are made on the basis of your UCAS application.

After you apply

Once you receive an offer of a place from us, we will invite you to visit the University so that you can obtain more information and meet staff and students. Our Applicant Visiting Days are designed to address your particular needs as an applicant and typically will include:

- Tour of the academic department
- Talk about course structures
- Talk about departmental facilities
- Personal or group meeting with an academic member of staff *
- Opportunity to meet current students in your department
- Talk about University accommodation
- Opportunity to see University accommodation
- Campus tour

* Academic departments may be prepared to reduce their offer to you on the basis of a one-to-one or group meeting conducted on an Applicant Visiting Day.



If you make an application to us, further details about our Applicant Visiting Days will be sent to you shortly after your offer.

Verification

All new undergraduate students should be able to prove that they have fulfilled the necessary academic conditions for admission, including the English language requirement. We may ask you either before or after you have registered to confirm your examination qualifications by providing satisfactory proof of your qualifications as well as proof of identity. We reserve the right to withdraw the offer of a place or to cancel registration if deliberate omissions or deceptions have been made. There is no need for you to send documents to the University unless you have been specifically requested to do so.

Deferred Entry

If you apply for 2019 entry and decide subsequently to defer your year of entry to 2020, please contact our Undergraduate Admissions Office for advice. Applications for one year's deferred entry are normally allowed. We will need to receive your request in writing, and you can do this by emailing the Undergraduate Admissions Office at ug-admissions@aber.ac.uk.

WHAT QUALIFICATIONS DOES ABERYSTWYTH ACCEPT?

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.

Your offer will be made in terms appropriate to the subject(s) you apply to study, and will reflect both your particular circumstances and the subject requirements of your chosen course(s).



Visit www.aber.ac.uk for details on our offer and entry requirements

A level qualifications

Aberystwyth looks for a general level of aptitude in level three qualifications. We accept 2 A levels or equivalent to meet the general minimum requirement for entry to honours degrees, to which must be added the specific requirements of each degree scheme. In certain cases, four AS levels and one A level (or equivalent) would be acceptable for entry onto an honours degree, subject to interview or further evidence of motivation and potential. Applicants who can offer learning and skills from relevant life-experience may be deemed to have fulfilled this minimum requirement.

AS level qualifications

We accept the AS level as a valuable qualification in its own right. AS levels will be welcome whether they are in contrasting or complementary subjects to the degree scheme proposed.

Welsh Baccalaureate

Aberystwyth welcomes the Welsh Baccalaureate as a valuable qualification in its own right and considers completion of the Welsh Baccalaureate Advanced Skills Challenge Certificate to be equivalent to an A level grade.

Vocational Qualifications

Vocational qualifications provide a good preparation for entry to related and most non-related degree schemes. An increasing proportion of our intake is comprised of students holding BTEC National Qualifications or BTEC Higher National Diplomas or Certificates. Other recognised professional qualifications will also be seriously considered, e.g. Chartered Institute of Bankers, Institute of Legal Executives. For specific advice on the acceptability of professional qualifications and/or professional experience please contact our Undergraduate Admissions Office giving full details of the level of qualification achieved, relevant experience and the degree scheme proposed.

International Baccalaureate

The University welcomes applications from individuals studying the International Baccalaureate Diploma. Please contact ug-admissions@aber.ac.uk for guidance in regard to specific course entry requirements.

Qualifications Reform

The University is mindful of qualifications reform taking place in respect of GCSE and AS/A levels. Our offers will take into account the reformed qualifications to ensure that applicants are not disadvantaged by these changes.

Consideration of contextual data

Aberystwyth University has a tradition of offering an academically rigorous, challenging and high-quality university education to all those who are capable of benefiting from it. The University is committed to ensuring that every application is treated fairly and judged on its merits.

Credit where credit is due

In certain cases we can give credit for periods of study undertaken elsewhere. Students who possess relevant Open University credits or BTEC Higher National Diploma qualifications or appropriate professional qualifications will be considered for direct entry to the second year of appropriate degree schemes. In certain cases, if 240 credits have been gained from a recognised scheme of study elsewhere at the appropriate level, admission directly to the third year may be permitted. Marks of achievement gained at another institution or in another programme of learning will contribute towards the final Aberystwyth degree classification. The achievement concerned must be identified and agreed as part of the admissions process in order to contribute to the Aberystwyth award.

HND/Foundation degree and transfer to the Institute of Biological, Environmental and Rural Sciences (IBERS) degree courses

If you have already studied for a HND or Foundation degree it may be possible for you to transfer into year 2 or 3 of one of our degree schemes. Acceptance will depend upon the details of the entry course you have qualified with, and the grades you have obtained. Please contact the admissions tutor in IBERS for advice.

Access qualification

The typical offer to a candidate taking an Access course is award of the Access qualification, including minimum 50% of level 3 units at Merit. Depending on the degree scheme applied for, specific subjects may be required at level 3.

Please contact undergraduate admissions if you require further information: ug-admissions@aber.ac.uk

DEGREE COURSE REQUIREMENTS

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.

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 108 for details of joint and major-minor honours degree scheme combinations available for 2019 entry. For further advice please contact the department concerned.

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 2018). For the latest information on our entry requirements see the UCAS search tool at www.ucas.com.

Candidates with mixed qualifications

If you are taking a mixture of qualifications which are included in the UCAS tariff we will make you a UCAS tariff points offer. Visit www.ucas.com for details of qualifications included in the UCAS tariff and how much they are worth.

Candidates with no qualifications

Candidates who have no qualifications will need to demonstrate strong motivation, ability and, in some cases, evidence of satisfactory background in areas relevant to the scheme of study proposed.

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.

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.

Key to footnotes in table of degree course typical offers:

- 1 GCSE Mathematics-Numeracy is acceptable in lieu of GCSE Mathematics.
- 2 French, German and Spanish can be studied from beginners' level. Candidates not offering A level (or equivalent) should preferably have achieved C at GCSE (or equivalent) in language to be studied.
- 3 Key Skills/Functional Skills level 3 Application of Number are acceptable in lieu of GCSE Mathematics.
- 4 Lower offer will be made to applicants offering more science subjects in addition to the specified subject.
- 5 Lower offer if A level/skills profile related to scheme.
- 6 CACHE level 3 Diploma with overall grade C is also acceptable and welcomed for entry to this degree scheme.
- 7 Candidates not taking relevant science A level may be made an offer following interview based on individual merit.
- 8 Candidates taking A level science with an associated practical skills assessment will be required to achieve a pass in the practical skills test.
- 9 Candidates without A level Physics will need to be aware that they might find some modules challenging as the other students will either have the A level or have taken Year 0 modules.

Bachelor honours degrees – typical offers

Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma		
A	Accounting and Finance	N400	English or Welsh, Mathematics 1	BBB	120 points	DMM	
	Adventure Tourism Management	N870	English or Welsh, Mathematics 1	BBC	112 points	DMM	
	Agriculture	H21Y, D401	English or Welsh, Mathematics and a science subject 1 3	BCC with C in relevant science subject 7 8	104 points with C in relevant science subject 7 8	DMM with specified subjects	
	Agriculture with Animal Science	53C8, D4D3	English or Welsh, Mathematics and a science subject 1 3	BCC with C in relevant science subject 7 8	104 points with C in relevant science subject 7 8	DMM with specified subjects	
	Agriculture with Business Management	D4N2, 4D12	English or Welsh, Mathematics and a science subject 1 3	BCC	104 points	DMM	
	Animal Behaviour	C120, C122	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 3	112-120 points with B in Biology or Human Biology 4 3	DDM	
	Animal Science	D306, D307	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 3	112-120 points with B in Biology or Human Biology 4 3	DDM	
	Art History	V350	English or Welsh	BBC	112 points with B in any subject	DMM	
	Artificial Intelligence and Robotics	GH76, GH7P	English or Welsh, Mathematics	BBC	112 points	DMM	
	Astrophysics	F510	English or Welsh, Mathematics 1	BBC with B in Physics and B in Mathematics 3	112 points with B in Physics and B in Mathematics 3	DMM with specified subject and B in A level Mathematics	
	Astrophysics (includes foundation year)	F512	English or Welsh, Mathematics 1	Available to candidates without formal qualifications who have suitable background education, experience and motivation.			
	B	Biochemistry	C700, C701	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Chemistry 4 3	112-120 points with B in Chemistry 4 3	DDM
		Biology	C100, C102	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 3	112-120 points with B in Biology or Human Biology 4 3	DDM
		Business and Management	N122	English or Welsh, Mathematics 1	BBC	112 points	DMM
Business Economics		L113	English or Welsh, Mathematics 1	BBB	120 points	DMM	
Business Finance		N310	English or Welsh, Mathematics 1	BBB	120 points	DMM	
Business Information Technology		G500, G501	English or Welsh, Mathematics	BBC	112 points	DMM	
Business Information Technology (includes foundation year)		G50F	English or Welsh, Mathematics	Available to candidates without formal qualifications who have suitable background education, experience and motivation.			
Business Law		M140	English or Welsh	BBB	120 points	DMM-DDM	
C		Celtic Studies	Q500, Q501	English or Welsh	BCC with evidence of linguistic ability	104 points with evidence of linguistic ability	MMM-DDM with evidence of linguistic ability
		Childhood Studies 6	X320	English or Welsh	CCC	96 points	MMM
	Computer Graphics, Vision and Games	G450, G451	English or Welsh, Mathematics	BBC	112 points	DMM	
	Computer Science	G400, G401	English or Welsh, Mathematics	BBC	112 points	DMM	
	Computer Science (includes foundation year)	G40F	English or Welsh, Mathematics	Available to candidates without formal qualifications who have suitable background education, experience and motivation			
	Computer Science and Artificial Intelligence	GG4R, GG47	English or Welsh, Mathematics	BBC	112 points	DMM	
	Countryside Management and Conservation	D457, D458	English or Welsh, Mathematics and a science subject 1 3	BCC with C in relevant science subject 7 8	104 points with C in relevant science subject 7 8	DMM with specified subjects	
	Creative Arts	WW48	English or Welsh	BBC	112 points with B in any subject	DMM	

Bachelor honours degrees – typical offers

Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma
Creative Writing	W801	English or Welsh	BBB-ABB with B in any English-related A level ⑤	120-128 points with B in any English-related A level ⑤	DMM-DDM with specified subject ⑤
Criminal Law	M131	English or Welsh	BBB	120 points	DMM-DDM
Criminology	M900	English or Welsh, Mathematics ①	BBC	112 points	DMM
Criminology with Applied Psychology	M9C8	English or Welsh, Mathematics ①	BBC	112 points	DMM
Cymraeg (i fyfyrwyr iaith gyntaf ac ail iaith)	Q560	English or Welsh	BCC with B in Welsh 1st or 2nd Language	104 points with B in Welsh 1st or 2nd Language	MMM-DDM with B in A level Welsh 1st or 2nd Language
Cymraeg a'r leithoedd Celtaidd	Q562	English or Welsh	BCC with B in Welsh 1st or 2nd Language	104 points with B in Welsh 1st or 2nd Language	MMM-DDM with B in A level Welsh 1st or 2nd Language
Cymraeg Proffesiynol	Q5P0	English or Welsh	BBC with B in Welsh 1st Language	112 points with B in Welsh 1st Language	DMM with B in A level Welsh 1st Language
D Data Science	7G73, 7G74	English or Welsh, Mathematics	BBB with B in Mathematics	120 points with B in Mathematics	DMM-DDM with B in A level Mathematics
Drama and Theatre Studies	W400	English or Welsh	BBC-BBB ⑤	112-120 points ⑤	DMM-DDM ⑤
E Ecology	C180, C181	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Biology or Human Biology ④ ⑧	112-120 points with B in Biology or Human Biology ④ ⑧	DDM
Economics	L100	English or Welsh, Mathematics ①	BBB	120 points	DMM
Education	X302	English or Welsh	BBC	112 points	DMM ⑥
Engineering Physics (BEng)	179H, 179G	English or Welsh, Mathematics ①	BBC with B in Physics and B in Mathematics ⑧	112 points with B in Physics and B in Mathematics ⑧	DMM with specified subject and B in A level Mathematics
English Literature	Q300	English or Welsh	BBB-ABB with B in any English-related A level ⑤	120-128 points with B in any English-related A level ⑤	DMM-DDM with specified subject ⑤
English Literature and Creative Writing	QW38	English or Welsh	BBB-ABB with B in any English-related A level ⑤	120-128 points with B in any English-related A level ⑤	DMM-DDM with specified subject ⑤
Environmental Earth Science	F640	English or Welsh, Mathematics ①	BBC with C in a science subject	112 points with C in a science subject	DMM with specified subject
Environmental Science	F750	English or Welsh, Mathematics ①	BBC with C in Biology or Geography	112 points with C in Biology or Geography	DMM with specified subject
Equine and Veterinary Bioscience	D334, D335	English or Welsh, Mathematics and a science subject ① ③	BBB-ABB with B in Biology or Human Biology ④ ⑧	120-128 points with B in Biology or Human Biology ④ ⑧	DDD
Equine Science	D322, D323	English or Welsh, Mathematics and a science subject ① ③	BCC-BBC with B in Biology or Human Biology ④ ⑧	104-112 points with B in Biology or Human Biology ④ ⑧	DDM
Equine Studies (Top-Up)	D325	English or Welsh, Mathematics and a science subject ①	Must pass a Foundation Degree in an appropriate subject area with an overall grade of Merit or above		
European Law	M120	English or Welsh	BBB	120 points	DMM-DDM
F Film and Television Studies	W620	English or Welsh	BBC-BBB ⑤	112-120 points ⑤	DMM-DDM ⑤
Film-making	P301	English or Welsh	BBC-BBB ⑤	112-120 points ⑤	DMM-DDM ⑤
Financial Mathematics	G1N3	English or Welsh, Mathematics ①	BBB with B in Mathematics	120 points with B in Mathematics	DMM-DDM with B in A level Mathematics
Fine Art	W100	English or Welsh	BBC with B in Art or appropriate plus satisfactory portfolio	112 points with B in Art or appropriate plus satisfactory portfolio	DMM plus satisfactory portfolio
French	R120	English or Welsh	BCC with B in French unless to be studied as a beginner ②	104 points with B in French unless to be studied as a beginner ②	DMM with specified subjects ②

Bachelor honours degrees – typical offers

Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma
G Genetics	C400, C401	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Biology or Human Biology ④ ⑧	112-120 points with B in Biology or Human Biology ④ ⑧	DDM
Genetics and Biochemistry	CC47, CC48	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Chemistry ④ ⑧	112-120 points with B in Chemistry ④ ⑧	DDM
Geography	F800, F801, F803, F802	English or Welsh, Mathematics ①	BBB with B in Geography, ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
H History	V100, V102	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
History and Welsh History	VVC2	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
Human Biology and Health	C194, C195	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Biology or Human Biology ④ ⑧	112-120 points with B in Biology or Human Biology ④ ⑧	DDM
Human Geography	L700, L703, L704	English or Welsh	BBB with B in Geography, ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
Human Rights	M990	English or Welsh	BBB	120 points	DMM-DDM
I International Politics	L241	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
International Politics and Military History	LV2H	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
International Politics and Global Development	LL31	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
Internet Computing and Systems Administration	H602, H603	English or Welsh, Mathematics	BBC	112 points	DMM
L Law	M100, M103	English or Welsh	BBB	120 points	DMM-DDM
Law	M101	English or Welsh	Class 2:1 in a first degree in any subject		
Liberal Arts	W4A1	English or Welsh	BBB-AAB	120-136 points	DMM-DDD
Life Sciences (includes foundation year)	C990	Available to candidates without formal qualifications who have suitable background education, experience and motivation.			
M Marine and Freshwater Biology	C164, C166	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Biology or Human Biology ④ ⑧	112-120 points with B in Biology or Human Biology ④ ⑧	DDM
Marketing	N500	English or Welsh, Mathematics ①	BBC	112 points	DMM
Mathematical and Theoretical Physics	F340	English or Welsh, Mathematics ①	BBB with B in Physics and B in Mathematics ⑧	120 points with B in Mathematics and B in Physics ⑧	DMM-DDM with specified subject and B in A level Mathematics
Mathematics	G100	English or Welsh, Mathematics ①	BBB with B in Mathematics	120 points with B in Mathematics	DMM-DDM with B in A level Mathematics
Mathematics (includes foundation year)	G10F	English or Welsh, Mathematics ①	Available to candidates without formal qualifications who have suitable background education, experience and motivation		
Media and Communication Studies	P300	English or Welsh	BBC-BBB ⑤	112-120 points ⑤	DMM-DDM ⑤
Medieval and Early Modern History	V190	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
Microbiology	C500, C502	English or Welsh, Mathematics and a science subject ① ③	BBB-BBB with B in Biology or Human Biology ④ ⑧	112-120 points with B in Biology or Human Biology ④ ⑧	DDM
Modern and Contemporary History	V191	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
Modern Languages		English or Welsh	BBB with B in one relevant language unless to be studied as a beginner ②	112 points with B in one relevant language unless to be studied as a beginner ②	DMM with specified subjects ②

Bachelor honours degrees – typical offers

	Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma
P	Physical Geography	F840, F846, F845	English or Welsh, Mathematics 1	BBB with B in Geography, or ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
	Physics	F300, F304	English or Welsh, Mathematics 1	BBC with B in Physics and B in Mathematics 8	112 points with B in Physics and B in Mathematics 8	DMM with specified subject and B in A level Mathematics
	Physics (<i>includes foundation year</i>)	F301	English or Welsh, Mathematics 1	Available to candidates without formal qualifications who have suitable background education, experience and motivation.		
	Physics with Planetary and Space Physics	F364	English or Welsh, Mathematics 1	BBC with B in Physics and B in Mathematics 8	112 points with B in Physics and B in Mathematics 8	DMM with specified subject and B in A level Mathematics
	Plant Biology	C200, C202	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 8	112-120 points with B in Biology or Human Biology 4 8	DDM
	Politics	L203	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
	Politics and Modern History	V135	English or Welsh	BBB	120 points with B in any subject	DMM-DDM
	Psychology	C800, WF7F, N1FW	English or Welsh, Mathematics 1	BBC with B in any subject	112 points with B in any subject	DMM
	Psychology and Criminology	CM89, A1C6	English or Welsh, Mathematics 1	BBC with B in any subject	112 points with B in any subject	DMM
	Psychology and Education	CX80	English or Welsh, Mathematics 1	BBC with B in any subject	112 points with B in any subject	DMM
R	Robotics and Embedded Systems Engineering (BEng)	132A, 132B	English or Welsh, Mathematics	BBC with B in Mathematics (required) and Physics (recommended) 9	112 points with B in Mathematics (required) and Physics (recommended) 9	DMM with specified subject and B in A level Mathematics
S	Scenography and Theatre Design	W460	English or Welsh	BBC-BBB 5	112-120 points 5	DMM-DDM 5
	Software Engineering (BEng) (<i>with integrated year in industry</i>)	G600	English or Welsh, Mathematics	BBC	112 points	DMM
	Space Science and Robotics	FH56	English or Welsh, Mathematics 1	BBC with B in Mathematics and B in Physics or Computer Science 8	112 points with B in Mathematics and B in Physics or Computer Science 8	DMM with specified subjects
	Spanish and Latin American Studies	R401	English or Welsh	BBC with C in Spanish unless to be studied as a beginner 2	112 points with C in Spanish unless to be studied as a beginner 2	DMM with specified subject 2
	Sport and Exercise Science	C600, C602	English or Welsh, Mathematics and a science subject 1 3	BBC	112 points	DMM
	Tourism Management	N800	English or Welsh, Mathematics 1	BBC	112 points	DMM
V	Veterinary Biosciences	D906, D907	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Biology or Human Biology 4 8	120-128 points with B in Biology or Human Biology 4 8	DDD
W	Welsh (<i>for Beginners</i>)	Q522	English or Welsh	BCC with evidence of linguistic ability	104 points with evidence of linguistic ability	MMM-DDM with evidence of linguistic ability
	Wildlife Conservation	C183, C184	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 8	112-120 points with B in Biology or Human Biology 4 8	DDM
	Writing for Broadcasting, Media and Performance	P302	English or Welsh	BBC-BBB 5	112-120 points 5	DMM-DDM 5
Z	Zoology	C300, C302	English or Welsh, Mathematics and a science subject 1 3	BBC-BBB with B in Biology or Human Biology 4 8	112-120 points with B in Biology or Human Biology 4 8	DDM

Integrated Masters degrees – typical offers

	Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma
	Astrophysics (MPhys)	F511	English or Welsh, Mathematics 1	BBB with B in Physics and B in Mathematics 8	120 points with B in Physics and B in Mathematics 8	DMM-DDM with specified subject and B in A level Mathematics
	Biology (MBiol)	C109	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Biology or Human Biology 4 8	120-128 points with B in Biology or Human Biology 4 8	BTEC insufficient
	Biochemistry (MBiol)	C709	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Chemistry and B in Biology or Human Biology 4 8	120-128 points with B in Chemistry and B in Biology or Human Biology 4 8	BTEC insufficient
	Computer Science (MComp)	G409, G419	English or Welsh, Mathematics	AAB	136 points	DDM
	Engineering Physics (MEng) (<i>with integrated year in industry</i>)	168F	English or Welsh, Mathematics 1	BBB with B in Physics and B in Mathematics 8	120 points with B in Physics and B in Mathematics 8	DMM-DDM with specified subject and B in A level Mathematics
	Geography (MSci)	F804	English or Welsh, Mathematics 1	BBB with B in Geography, ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
	Human Geography (MArts)	L705	English or Welsh, Mathematics 1	BBB with B in Geography, ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
	Liberal Arts (MLibArts)	W4A2	English or Welsh	BBB-AAB	120-136 points	DMM-DDD
	Marine and Freshwater Biology	C169	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Biology or Human Biology 4 8	120-128 points with B in Biology or Human Biology 4 8	BTEC insufficient
	Mathematical and Theoretical Physics (MMath)	F341	English or Welsh, Mathematics 1	ABB with A in Mathematics and B in Physics 8	128 points with A in Mathematics and B in Physics 8	DDM with specified subject and A in A level Mathematics
	Mathematics (MMath)	G103	English or Welsh, Mathematics 1	AAB with A in Mathematics	136 points with A in Mathematics	DDM-DDD with A in A level Mathematics
	Microbiology (MBiol)	C509	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Biology or Human Biology 4 8	120-128 points with B in Biology or Human Biology 4 8	BTEC insufficient
	Physical Geography (MSci)	F847	English or Welsh, Mathematics 1	BBB with B in Geography, ABB without Geography	120 points with B in Geography, 128 points without Geography	DMM-DDM with specified subject
	Physics (MPhys)	F303, F305	English or Welsh, Mathematics 1	BBB with B in Physics and B in Mathematics 8	120 points with B in Physics and B in Mathematics 8	DMM-DDM with specified subject and B in A level Mathematics
	Physics with Planetary and Space Physics (MPhys)	F366	English or Welsh, Mathematics 1	BBB with B in Physics and B in Mathematics 8	120 points with B in Physics and B in Mathematics 8	DMM-DDM with specified subject and B in A level Mathematics
	Robotics and Embedded Systems Engineering (MEng)	132C, 132D	English or Welsh, Mathematics	AAB with A in Mathematics and B in Physics 8	136 points with A in Mathematics and B in Physics 8	DDM with specified subject and A in A level Mathematics
	Software Engineering (MEng) (<i>with integrated year in industry</i>)	G601	English or Welsh, Mathematics	AAB 8	136 points 8	DDM
	Space Science and Robotics (MPhys)	FH5P	English or Welsh, Mathematics 1	BBB with B in Mathematics and B in Physics or Computer Science 8	120 points with B in Mathematics and B in Physics or Computer Science 8	DMM-DDM with specified subjects
	Zoology (MBiol)	C309	English or Welsh, Mathematics and a science subject 1 3	BBB-ABB with B in Biology or Human Biology 4 8	120-128 points with B in Biology or Human Biology 4 8	BTEC insufficient

Foundation degrees – typical offers

	Degree scheme	UCAS code	GCSE (min grade C/grade 4)	A level	Points tariff	BTEC National Diploma
	Agriculture	D402, D403	English or Welsh, Mathematics or a science subject 1 3	CC-DDD	64-72 points	MMP
	Countryside Management and Conservation	D440, D4C1	English or Welsh, Mathematics or a science subject 1 3	CC-DDD	64-72 points	MMP
	Equine Studies	D324	English or Welsh, Mathematics or a science subject 1 3	CC-DDD	64-72 points	MMP

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
Compulsory for all CS18010 and CC18010 students	1 night	Glan Llyn, Bala	Year 1 activity weekend	£40
All degrees within the Department	1 night	Gregynog, mid Wales	Compulsory for second year students doing an industrial year	£40

Education and Childhood Studies

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
ED11320 Young Children Learning	Approx 3 days	Pre-school setting in Aberystwyth or student's home location	Observation	£44 (for a CRB check)
ED330220 Communicating Science: The Scientists, the Media and the Public	1 day	Science museum	Study trip	Daily expenses only

Geography and Earth Sciences

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Geography degree schemes (all degrees)				
All first years	1-2 nights	UK based	Geography induction field trip	Daily expenses only
<i>Single Honours and Major students all participate in a second year residential fieldtrip, selected from the options below (or equivalents). The fieldwork module is optional for Joint Honours students</i>				
Option 1: Available for all Geography schemes GG22420; DA22420	1 week	UK/Ireland based	Second year field trip	Daily expenses only
Option 2: Available for BA Human Geography/BSc Geography only GG22420; DA22420	1 week	Berlin (or equivalent)	Second year residential field trip	£250 and travel* and daily expenses
Option 3: Available for BSc Physical Geography / BSc Geography only GG22420; DA22420	1 week	Crete (or equivalent)	Second year residential field trip	£450 and daily expenses
Option 4: Available for BSc Physical Geography / BSc Geography GG22420; DA22420	1-2 weeks	New Zealand (or equivalent)	Second year residential field trip	£900 - £1150 and travel* and daily expenses
<i>In addition to field courses, students may incur additional costs for the following modules:</i>				
DA21210 Profiad Gwaith Daearyddiaeth (Optional for Welsh Medium students only)	50 hours	-	Work placement. Students are responsible for covering travel and other incidental costs.	Variable
GG37320 Geography Work Experience (Optional for L700 Human Geography students only)	10 days	-	Work placement. Students are responsible for covering travel and other incidental costs.	Variable
GG34040/DA34040 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 DGES Travel Awards competitions.	Variable
GG34220 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 fieldtrips in each of the three years of their degree as follows:</i>				
Environmental Earth Science EA11410	1 week	North Wales	First year residential field trip	Daily expenses only
Environmental Earth Science EA21720	1 week	South West England	Second year residential field trip	Daily expenses only
Environmental Earth Science EA31110	1 week	Ireland	Final year residential field trip	£300
<i>In addition to field courses, students may incur additional costs for the following modules:</i>				
EA30330 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)				
All first years	1-2 nights	UK based	Geography induction field trip	Daily expenses only
ES20320	1 week	UK/Ireland	Second year fieldtrip	Daily expenses only
Optional for third years	Variable	UK/Europe	Third year optional field trips	Variable
ES30530 (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

*Students participating in the Berlin and New Zealand fieldtrips are responsible for booking their own flights.

History and Welsh History

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
HA35130	1 day	Hereford	Visit to cathedral	Daily expenses only
HQ34330	1 day	Worcester	Visit to cathedral and medieval library	Daily expenses only
HY29620/HY39620 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
BR11220/BR12710/RD25210 Equine Study Tour	5-7 days	Ireland or SE England	Study tour	£100
BR33110 Terrestrial Ecology Field Trip	8 days	Dublin, Ireland	Field trip	£90 + travel
BR32710 Animal Behaviour Field Course	8 days	Suffolk	Residential field course	£110 + travel
BR33010 Marine Biology Field Course	8 days	Faro, Portugal	Residential field course	£70 + travel
BR32910 Freshwater Biology Field Course	1 week	Scotland - Loch Lomond	Residential field course	£85 + travel
BR32810	1 week	Pembrokeshire	Residential field course	£110 + travel
BR23620 Arctic Ecology Field Course	9-10 days	Abisko, Sweden, Lapland	Field trip	£320 plus travel costs
BR23820 Tropical Zoology Field Course (due to start running in 2017)	2 weeks	Peru, South America	Field trip	£1300-£1500 (includes: Flights, full board accommodation and transfer)
BR30120 Tropical Rainforest Ecology and Conservation (Trec) Field Course	3-4 weeks	Borneo	Field trip, 1 week teaching in IBERS and then 2 or 3 weeks in Sabah, Borneo (depending on activities chosen).	£1500 - £2000 (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
MT39020 Cylwyniad 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 £300-£350 (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	£350
N800, N870	3 days	Berlin, Germany	Study Tour	£225
MM38000/20 Employability Skills for Professionals	-	-	Some students will be required to pay for a DBS certificate	Daily expenses only

Aberystwyth Law School

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
LA36600/20 Employability Skills for Professionals	-	-	Some students will be required to pay for a DBS Certificate	£44

Theatre, Film and Television Studies

Degree scheme / module number	Duration	Location	Nature of activity	Approx. cost
Students studying Drama, Theatre, Performance or Scenography	-	Aberystwyth	Theatre Passport for a set of performances at the Arts Centre	£65
Students studying Drama, Theatre or Scenography	-	Aberystwyth	Students are encouraged to see additional performances and this may incur a small additional cost	Variable
TP33420	-	UK	Field trip	Daily expenses only
Film and Media students	-	Wales	Industry field trips	Daily expenses only
Scenography and Theatre Design students	-	Aberystwyth	Materials for workshop	£25
All new students	-	Aberystwyth	Optional performances during the registration and welcome week will incur a fee. There will also be a number of free activities.	Variable

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

FREQUENTLY ASKED QUESTIONS

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.

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.

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

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 large numbers of 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 ABERYSTWYTH

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.

By Rail

The railway station is in the centre of Aberystwyth. The main service is via Shrewsbury. There is a frequent bus service from the station to campus, and there is a taxi rank next to the station.

By Car

The University is located alongside the main A487 north to south Wales trunk road. It's just over a two-hour drive from north or south Wales, Birmingham and the west Midlands.

By Coach

Regular bus services operate from the University campus to north and south Wales and the Midlands.

Places to stay overnight

If you wish to stay overnight, then there are plenty of places for you to stay in Aberystwyth. The local Tourist Information Office (tel: 01970 612125) can provide you with a list of addresses, as can the Undergraduate Admissions Office (tel: 01970 622021).

If you are visiting during the University's vacation periods there may be student accommodation available for you (during April, June, July and August). Please contact the Conference Office on 01970 621960, or e-mail conferences@aber.ac.uk

The major opportunities for you to visit are our **Open Days on Tuesday 10 July, Saturday 15 September, Saturday 13 October and Saturday 10 November 2018** (see page 4).

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. **2018 Online Open Days: 26 April, 5 December.**

Find out more: www.aber.ac.uk/ood

Road distances (miles) from Aberystwyth to other major cities in the UK:

Birmingham	120
Cardiff	110
London	225
Manchester	134

Train times to Aberystwyth from:

Shrewsbury	1 hr 47 mins
Birmingham	2 hrs 47 mins
Leicester	3 hrs 56 mins
London	4 hrs 34 mins
Manchester	3 hrs 40 mins
Wolverhampton	2 hrs 33 mins



Schools and colleges in Wales

☎ 01970 621890
 🌐 wpsi@aber.ac.uk
 @ www.aber.ac.uk/wpsi

Our Centre for Widening Participation, Equality and Social Inclusion works in partnership with the community, schools and colleges to raise aspirations and deliver curriculum enhancement such as STEM Discovery Days, Royal Society of Chemistry SIAS, Science Circuit - Skilling the Future, 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 Centre for Widening Participation runs two residential courses - a free "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 Communities First areas in Wales, Widening Access backgrounds, care-leavers, and 'non-traditional' routes in to higher education. The Summer University is a residential Monday - Friday 6 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. Contact the Centre for further information.

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 campuses and facilities. If you want to try university life for yourself, please contact us.

We also offer the Aberystwyth Welsh Bacc 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 schools liaison team.



Aberystwyth Map

Penglais Campus

- 1 Reception/Enquiries** - SY23 3FL
- 2 Aberystwyth Arts Centre** - SY23 3DE
 - Great Hall
 - Theatre
 - Visitors' Car Park
- 3 Parry-Williams Building** - SY23 3AJ
 - Theatre Film and Television Studies
 - Mercator
- 4 Hugh Owen Library** - SY23 3DZ
 - Library and Information Services
- Hugh Owen Building** - SY23 3DY
 - English and Creative Writing
 - History and Welsh History
 - Modern Languages
 - Welsh and Celtic Studies
 - A12 and A14 Lecture Theatres
 - Centre for Welsh Language Services
- 5 Llandinam Building** - SY23 3DB
 - Geography and Earth Sciences
 - Computer Science
 - International English Centre
- 6 Cledwyn Building** - SY23 3DD
 - Admissions (AQRO)
 - International Office
 - Communications and External Affairs
 - Marketing and Student Recruitment
- 7 Physical Sciences Building** - SY23 3BZ
 - Mathematical and Physical Sciences
- 8 Edward Llwyd Building** - SY23 3DA
 - Biological Sciences (IBERS)
- 9 Sports Centre** - SY23 3AR
 - Sports Hall
 - Swimming Pool
 - All Weather Sports Pitch
- 10 Sports Cage**
- 11 Design and Print Services** - SY23 3UG

- 12 Student's Union** - SY23 3DX
 - Careers Service
- 13 Brynamlwg** - SY23 3AP
- 14 Botany Gardens** - SY23 3DF
- 23 Carwyn James Building** - SY23 3FD
 - Sport and Exercise Science
- 24 International Politics Building** - SY23 3FE
 - Vice Chancellor's Office
 - Planning Office
 - Research, Business and Innovation
- 25 Visualisation Centre** - SY23 3BF
 - Vice Chancellor's Office
 - Planning Office
 - Research, Business and Innovation
- 26 Student Welcome Centre** - SY23 3FB
 - Finance Office
 - Student Support
 - Student Wellness Centre
- 27 New IBERS Building**
 - IBERS Rural Studies
- 30 P5** - SY23 3UX
 - Education
 - Psychology
 - Welsh for Adults

Halls and Residences

- 15 Penbryn Halls (inc Pantycelyn-Penbryn)** - SY23 3BY
 - Conference Office
 - Catering Office
 - 'Nightline'
- 16 Cwrt Mawr Halls** - SY23 3AN
- 17 Trefloyne Halls** - SY23 3LH
- 18 Rosser Halls** - SY23 3LH
- 20 Pentre Jane Morgan** - SY23 3TE
 - Student Village
- 22 Lôn Hendre** - SY23 3PY
- 36 Fferm Penglais** - SY23 3FH
 - Accommodation Office

Llanbadarn Campus

- 31 Rheidol Building** - SY23 3AL
- 32 Thomas Parry Library**
- 33 Padarn Building**
- 34 Equestrian Centre**
- 35 Elystan Morgan Building** - SY23 3AS
- 40 Coleg Ceredigion**

Town

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- 61 Clarendon House**
- 62 Caerleon/Pumlumon**
- 63 Aberglasney**
- 64 Ceredigion Hall/Tŷ Glyndwr**
- 65 Carpenter Hall/Tŷ Gwerin**
- 69 Godre'r Glais**

Town Services

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- 81 Public Library**
- 82 Bronglais Hospital**
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- 84 Welsh Government and County Council Offices**
- 85 Tourist Information Centre/Museum**
- 86 Cliff Railway**
- 87 Castle**
- 88 Cinema**
- 89 Leisure Centre**
- 90 Golf Club**
- 91 Camau Bach Day Nursery**
- 92 Yr Ysgol Gymraeg**
- 93 Ysgol Penweddig**
- 94 St. Padarn's School**
- 95 Penglais School**
- 96 Llwyn yr Eos School**
- 97 Cwmpadarn School**
- 98 Plascrug School**
- 99 Territorial Army Centre**

Campus Map

Penglais Campus

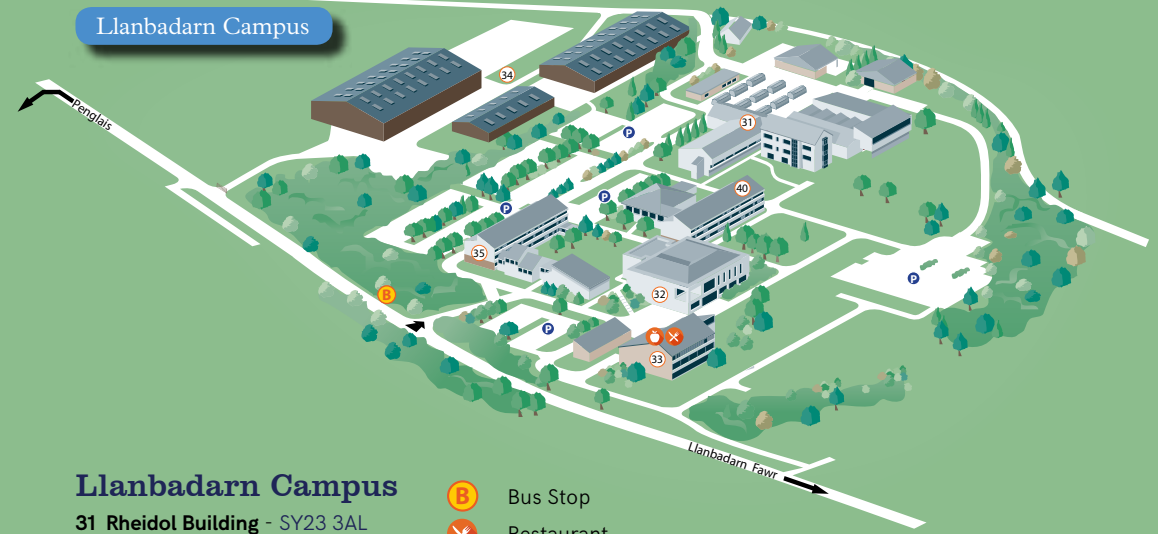
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Llanbadarn Campus



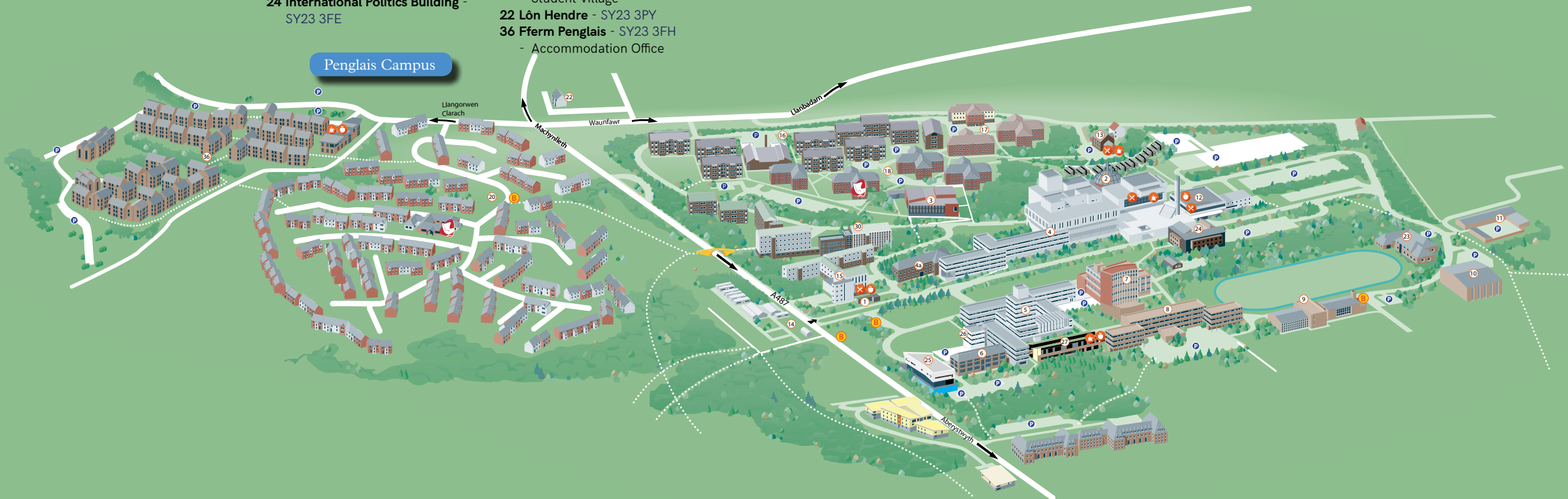
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- 33 Padarn Building**
- 34 Equestrian Centre**
- 35 Elystan Morgan Building** - SY23 3AS
- 40 Coleg Ceredigion**

- Bus Stop
- Restaurant
- Café
- Fruit Juices and Smoothies
- Parking
- Learning Centres

*At the time of going to print the University was reviewing the location of its Business and Law Schools, with the intention of relocating them from Llanbadarn Campus to Penglais Campus. For the latest information, visit our website.

Penglais Campus





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Important information

please read carefully

All students will be required as a condition of enrolment to abide by, and submit to the procedures of the University's Rules, Regulations & Information for Students and our Terms & Conditions. Copies of the current Rules, Regulations & Information for Students and our Terms & Conditions are available on request from the Undergraduate Admissions Office (01970) 622021.

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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.

**Statistics labelled as HESA 2017 in this document are our employability figures. These are taken from the Destination of Leavers in Higher Education 2015-16 survey published by Higher Education Statistics Agency (HESA) in June 2017. www.aber.ac.uk/en/why-aber/facts-and-figures/employability*

All statistics labelled as being from the NSS 2017 in this prospectus are statistics gathered from the National Student Survey (NSS) 2017. 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

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