

# Undergraduate Prospectus **2017**



Another world  
...your future

# Welcome to Aberystwyth

**AMONGST THE TOP 150 UNIVERSITIES IN THE WORLD** FOR AGRICULTURE, GEOGRAPHY AND POLITICS  
WORLD QS UNIVERSITY RANKINGS 2015

**OVER 140 YEARS EXCELLENCE**  
IN TEACHING AND RESEARCH

**LONG-ESTABLISHED AND VALUABLE**  
SCHOLARSHIPS AND BURSARIES

**AMONGST THE TOP 200 MOST INTERNATIONAL UNIVERSITIES IN THE WORLD** TIMES HIGHER EDUCATION 2016



**95%** OF THE UNIVERSITY'S RESEARCH IS OF AN INTERNATIONALLY RECOGNISED STANDARD OR HIGHER RESEARCH EXCELLENCE FRAMEWORK 2014

**91%** OF OUR GRADUATES WERE IN EMPLOYMENT AND/OR FURTHER STUDY SIX MONTHS AFTER GRADUATION



**GUARANTEED**  
FIRST YEAR ACCOMMODATION

# Contents

Another world	4
Your future career	7
Scholarships and bursaries	10
Tuition fees and financial support	12
Aberystwyth... A safe haven	14
Visit us	18
Accommodation	20
Student life at Aber	24
Supporting you	36
Learning support facilities	38
Study abroad and exchanges	40
Information for international students	42
Studying through the medium of Welsh	44
Combine your subjects	46

## Your next steps...

How to apply	186
Accepted qualifications	188
Additional Costs	198
Frequently asked questions	200
Visiting Aberystwyth	202
Index of courses	208

## Schemes of study

### Accounting, Business, Economics, Finance, Management, Marketing and Tourism

Accounting and Finance	140
Adventure Tourism Management	141
Business and Management	142
Business Economics	143
Business Finance	144
Economics	145
Marketing	146
Tourism Management	147

### Agriculture

Agriculture	58, 82
Agriculture with Animal Science	59
Agriculture with Business Studies	60

### Art History, Fine Art and the Creative Arts

Art History	52
Creative Arts	53
Fine Art	54

### Biological Sciences

Animal Behaviour	61
Animal Science	62
Biochemistry	63
Biology	64, 80
Ecology	67
Genetics	71
Genetics and Biochemistry	72
Life Sciences	73
Marine and Freshwater Biology	74
Microbiology	75
Plant Biology	76
Veterinary Biosciences	78
Zoology	79, 81

### Computer Science

Artificial Intelligence and Robotics	86
Business Information Technology	87
Computer Graphics, Vision and Games	88
Computer Science	89
Computer Science and Artificial Intelligence	90
Data Science	91
Internet Computing and Systems Administration	92
Software Engineering	93, 95
Systems and Control Engineering*	94

### Countryside Courses

Countryside Conservation	65
Countryside Management	66
Countryside Management and Conservation	83

### Education and Childhood Studies

Childhood Studies	97
Education	98
Education and International Development	99

### English Literature and Creative Writing

Creative Writing	101
English Literature	102
English Literature and Creative Writing	103

### Equine Science / Studies

Equine and Veterinary Bioscience	68
Equine Science	69
Equine Studies	70, 84

### Geography and Earth Sciences

Environmental Earth Science	105
Environmental Science	106
Geography	107
Human Geography	108
Physical Geography	109

### History and Welsh History

European History	112
History	113
History and Economic and Social History	114
History and Media	115
History and Welsh History	116
Medieval and Early Modern History	117
Modern and Contemporary History	118
Politics and Modern History	119

### International Politics

International Politics	122
International Politics and Intelligence Studies	123
International Politics and Military History	125
International Politics and Strategic Studies	126
International Politics and the Non-Western World	127
Political Studies	128
Social Science	129

### Law and Criminology

Business Law	131
Criminal Law	132
Criminology	133
Criminology with Applied Psychology	134
European Law	135
Human Rights	136
Law	137
Law and Legal Practice*	138

### Mathematics

Financial Mathematics	150
Mathematics	151

### Modern Languages

European Languages	153
French	154
Liberal Arts*	155, 158
Modern German Studies	156
Romance Languages	157

### Physics

Astrophysics	160, 166
Engineering Physics*	161, 167
Mathematical and Theoretical Physics	162, 168
Physics	163, 169
Physics with Planetary and Space Physics	164, 170
Space Science and Robotics	165, 171

### Psychology

Psychology	173
------------	-----

### Sport and Exercise Science

Sport and Exercise Science	77
----------------------------	----

### Theatre, Film and Television Studies

Drama and Theatre Studies	176
Film and Television Studies	177
Media and Communication Studies	178
Scenography and Theatre Design	179

### Welsh/Cymraeg, and Celtic Studies

Celtic Studies	182
Cymraeg (Welsh)	183
Cymraeg ar leithoedd Celtaidd (Welsh and the Celtic Languages)	184
Cymraeg Proffesiynol (Professional Welsh)	185

# Welcome

to our undergraduate prospectus...

**... and to Aberystwyth University. It isn't always easy to decide what you want to study and where to go to university – but we hope you will find everything you need here to help you with that choice.**

Aberystwyth is a well-established university with a long tradition of academic excellence, but it is also very forward looking. We're small enough to be friendly and to allow contact across departments, but big enough to have a wide range of study programmes. Our course structure is flexible and responsive to your needs, and you can also enhance your employment prospects by acquiring additional computing, language and presentational skills. All of this adds up to a real commitment to our fantastic student experience.

The lively student town of Aberystwyth, located on the dramatic west coast of Wales, offers an interesting and varied experience. Aberystwyth is a great place to be a student, as you will discover as you browse through this prospectus. Better still, come and visit us to see for yourself the superb location and our excellent academic, social and sporting facilities. Our staff and students will be very happy to talk to you about the many advantages of studying at and living in Aberystwyth, and we can promise you a warm and genuine welcome to our University and community. Thank you for reading this, and the very best of luck with your study choices.



# Another world ...your home

Enter another world at Aberystwyth where our inspirational teaching, research with excellence, and trusted support combine to prepare you for your future, and will help you to make the most of your investment.

Everything we do is centred around our students. We work with them to bring out their potential in their chosen field. This may be based around work, research or further study. We hope that this is the environment that you want to be part of.

Aberystwyth is the most improved university in the UK according to the *Times Good University Guide 2015*, and we're continuously looking at how we can give you the highest quality education and experience. For example, through our Tell Us Now campaign, we're working with our students to get their feedback and reviewing our provision regularly.



## Inspirational Teaching

At Aberystwyth you will be taught by some of the leading experts in their field. This means that you'll be familiar with some of the world's new theories and research even before they're known to the wider world.

To support our high standard of teaching, we have in place a thorough process of supervision, support, training and continual professional development that will help you to reach your potential and be ready for the career that you want (see page 7). Our Careers Service works closely with departments to deliver additional talks and activities, so that whilst you study you're developing skills that are highly sought by employers. A range of extra-curricular opportunities will also be available to you including guest lectures, field trips, work experience in the UK or abroad, study or volunteering abroad, all of which will give you life experience and enhance both your CV and student experience.



Our new Branch Campus in the Quartier Militaire, Mauritius also provides students with the opportunity to reap the benefits of a highly regarded UK university education on the beautiful island of Mauritius. With a combination of Aberystwyth, international and local academic staff supporting your studies, you will enjoy an exceptional student experience. Undergraduate courses in business, accounting, finance, computer science and law, and postgraduate courses in computer science and business are taught there. Opportunities for student exchange between the campuses may also be available. For more information, visit our website: [www.aber.ac.mu](http://www.aber.ac.mu)

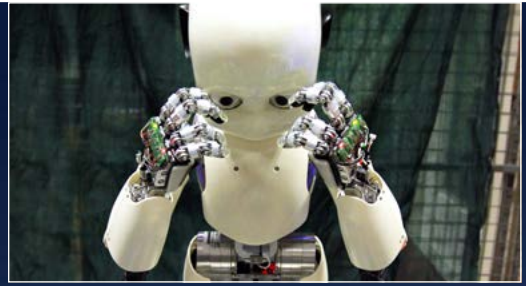
## Research with Excellence

With 95% of our research of an internationally recognised standard or higher in the Research Excellence Framework 2014, Aberystwyth is within the top 50 UK institutions for research power and intensity.

Planning of the forthcoming BBSRC supported Aberystwyth Innovation and Research Campus at Gogerddan also continues. The new research campus will include an internationally-recognised facility to attract further research funding so that companies and researchers can undertake collaborative research projects to boost the bio-economy.

Our scientists are experts in their fields, and some of our recent research highlights include:

- our space scientists played an important role in the discovery of the remains of the Beagle 2 Mars Lander
- the University was shortlisted for the RCUK/PraxisUnico 2015 Impact Awards for Knowledge Exchange and Commercialisation Professionals, for its "fair and equitable use of *Miscanthus* (elephant grass) genetic resources in the energy sector through international treaty and influence on UK and EU policymaking".



- our Institute of Biological, Environmental and Rural Sciences staff are playing a pivotal role in a £1.8 million project to develop the technology required to plant the energy crop *Miscanthus* from seed, to produce green fuel faster. The team will investigate how to optimise conditions for producing seed, and will trial a number of new varieties to investigate their yield and suitability for UK conditions.
- led by an Aberystwyth physicist, an international group of researchers has discovered a new method of manufacturing glass. The discovery could lead to the production of 'designer glasses' with applications in advanced photonics, while also facilitating industrial scale carbon capture and storage.
- the Head of our Department of Law and Criminology addressed the Annual World Congress of Geriatrics and Gerontology, with his key note paper discussing the global challenge presented by an ageing population

## Trusted Support

Our well-equipped libraries are open 24 hours a day during term time, and our friendly and approachable student support services offers help through a range of different ways, providing information and advice on financial, learning, academic and emotional issues (see page 38).

Our communal work lounges located in Rosser, Pentre Jane Morgan and Fferm Penglais residences offer our students spaces to socialise and also work together in a less formal setting, enabling further peer support, and offering them a space to work with other colleagues in a different setting.

The brand new communal hub at Fferm Penglais residences is open 24/7 for use by students, including laundry facilities, an indoor bike storage, meeting rooms and a social space with WIFI and printing facilities. Also located within the hub is the SGUBORfach lounge/café,



that offers a range of snacks, hot and cold drinks during term time.

As part of the University's long-term and on-going investment in our property, many of our lecture theatres and computer rooms have recently been refurbished, and many of our students are enjoying the brand new Fferm Penglais student residence.



Sophie Spiteri  
Graduate, Newcastle Emlyn, Ceredigion

*"I chose to study at Aberystwyth because it was the only university where I could bring my horse on livery with me and study a course outside the equine department. I studied Marketing, and the best thing about my course was being able to work with real businesses on projects that would benefit us in the real world. I have applied what I learnt at Aber directly to my job as a marketing officer.*

*I used to love being able to ride my horse down to Clarach beach on a Sunday morning with all my friends from uni, and I loved the family atmosphere that the University has.*

*I took up boxing during my time at Aber, and trained with Aberystwyth Boxing Club for the whole time I was there. It was a fantastic hobby that kept me fit and focussed during my time as a student. I spent all of my spare time bringing on event horses and breaking horses in for friends and family. I currently event my main horse at FEI 1\* level, and we have recently completed our Intermediate run giving us qualification for 2\* entry next season. We finished in the top 15 on our first Intermediate run at Wilton horse trails last year. I have a lovely four-year-old that I hope will follow in my main horse's footsteps over the next few years.*

*I now work as a national marketing officer for Mencap, the biggest learning disability charity in the UK. I secured my job as a regional marketing officer before graduating, on the condition I got a 2:1 or above. Based at home in Pembrokeshire (though the office is in London), in my role I produce regional and national marketing plans and collateral for our services across the UK and Ireland. I also train people within the organisation in writing in Easy Read format. We worked with four of the main political parties to produce Easy Read manifestos ahead of the last general election. I work closely with public relations and digital teams to ensure Mencap maintains its brand guidelines and tone of voice across the organisation. My job allows me to travel all around the country, meeting new people and putting into practice everything I learnt at Aber. The course gave me a fantastic starting block for a new part of my life.*

*To others considering studying my course at Aber I would say go for it! If you're prepared to put in some hard work and commitment, Aberystwyth University will help you to achieve anything! I can't think of anywhere else I would have wanted to study. I would highly recommend Aberystwyth to others. It's a beautiful town, with more than enough to keep you occupied for the next for three years. I've also made friends for life!"*

# Another world

## ...your future career



Being a university graduate can ensure that you stand out from the crowd and make a real difference to your future employment prospects. At Aberystwyth we also provide you with opportunities to enhance the knowledge gained through your degree and provide you with key skills and experiences that employers value.

In an increasingly competitive employment market, we assist our students to develop a range of transferable skills and prepare you for the workplace. Employability skills are the personal attributes, skills and understanding that you can offer, and include self-management; teamwork; business and customer awareness; problem-solving; communication and literacy; 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 all these things actually happen.

**91%** OF OUR GRADUATES WERE IN EMPLOYMENT AND/OR FURTHER STUDY SIX MONTHS AFTER GRADUATION

THE STARTING SALARIES OF STUDENTS WHO UNDERTOOK WORK-RELATED EXPERIENCE DURING THEIR DEGREE WERE NEARLY **£5,000 A YEAR HIGHER** THAN THOSE WITHOUT SIGNIFICANT WORK EXPERIENCE

**ONE OF THE TOP 50** UNIVERSITIES IN THE UK FOR "BEST GRADUATES FOR THE WORKPLACE"  
*TIMES HIGHER EDUCATION 2015*

## Aberystwyth provides you with countless opportunities to enhance your employability-related skills:

The University's Careers Service helps you to take advantage of the full range of options that are on offer. Our Careers Consultants encourage and support you in understanding what skills and abilities you can develop from each opportunity that comes your way. A crucial part of this is the Personal Development Planning (PDP) programme, an on-line resource which gives you access to a PDP Portfolio, designed to help you understand what skills and aptitudes you have, how you are developing them, and how they can be useful to you in the future.

A link Careers Consultant works within each department to deliver tailored and relevant lectures, workshops, clinics and drop-in facilities directly to you. Further sessions are also delivered centrally across the University, aimed at helping you identify and further develop your skills and abilities, and to understand what you have to offer potential employers. The Careers Service also arranges for employers to visit the University to deliver lectures and workshops on employment-related attributes and on their specific organisations. Recent visiting employers include Camp America, the Civil Service, IBM, BT, PwC, Airbus, Teach English in China, Dunbia, Scott Logic, Chartered Institute of Management Accountants, to name but a few.

Whether you have definite ideas about your future career or if you're undecided, Careers Consultants are here to help you by offering advice and support on an individual basis. To supplement all this we also arrange a broad range of work-based opportunities to help you gain more experience and develop additional skills, some of which are outlined below.

### **Year in Employment Scheme**

Aberystwyth's unique Year in Employment Scheme (YES) is a fantastic opportunity to take a paid year in employment between your second and third year in an organisation in the UK or overseas. You will have the chance to develop your employability skills and acquire some impressive work experience to enhance your CV. The University will keep your place on your degree course, and when you return from your year in employment, you will enter the third year of your degree, as if you'd never been away! In fact, our returning YES students often perform better in their degrees after returning for their final year and invariably attain higher results.

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; and receive training which may count towards a professional qualification. Students who have been on the year in employment are glad that they took part, and find they are refreshed when they return to study their final year.

### **Aber Opportunities Network**

We take full advantage of the expertise of our past graduates. Our alumni offer unique support to Aberystwyth University students by:

- delivering sessions on-campus to students within departments, or centrally;
- participating in our mentoring system;
- offering opportunities and experience to students;
- supporting the development of the academic curriculum

### **On-campus and departmental opportunities**

There are also plenty of opportunities to take part in university life within your department and on campus. Each department has Academic Representatives who are elected by their fellow students to represent them and their needs by feeding into each department's teaching, course structure and the experiences it offers its student. Your department may offer work experience opportunities as part of your scheme, be sure to ask your tutors about the opportunities available and how you can enhance your CV.

The University's AberForward scheme offers you a range of placement opportunities on campus and across all departments during the summer period of your first and second year here as a student. We also offer AberTemps, which provides casual paid part-time opportunities across the University specifically for our own students in roles ranging from marketing, gardening and research through to silver service and being a University ambassador.

There are also opportunities within the Students' Union to volunteer, work and gain work experience. We encourage students to participate in clubs and societies, which can develop your individual skills, friendships and networks, and future employability prospects.

To learn more about the broad range of experiences on offer, take a look at our website ([www.aber.ac.uk/en/careers](http://www.aber.ac.uk/en/careers)), which also links to our comprehensive vacancy database and events programme that all students can access at any time from anywhere.

### **Higher Education Achievement Report (HEAR)**

Upon graduating you will be awarded your HEAR, which will note your academic and employability related achievements and skills gained during your degree. The University encourages and expects you to participate in the broad range of career development experiences available during your degree, as they are a crucial part of your whole student experience. Your HEAR will reflect and record these experiences, which you can then share with future employers.



Ben Thompson  
Graduate

Ben Thompson graduated from Aberystwyth with a degree in Film and Television. Having worked as a Director Liaison at the Film Society of Lincoln Centre, and then for several years as a Filmmaker Services Manager for the Abu Dhabi Film Festival, he is now doing what he loves as a Short Film Programmer for Tribeca Film Festival, New York. Set up in 2002, the festival program line-up includes a variety of independent films, and also awards emerging and renowned artists and filmmakers.

**What do you remember most about your time at Aber?**

*"What I remember most about Aber is the landscape. It was what strongly influenced my decision to study there. The backdrop of the sea, the breath taking views from campus, the mountains and the buildings, both old and new are still so vivid in my memory. I found a lot of peace and beauty studying in Aber and I think it really gave such a wonderful and gentle transition in to the life I now live in New York."*

**What are you doing now career-wise and how has your Aberystwyth degree helped?**

*"For my day job I work as the Shorts Film Programmer for the Tribeca Film Festival here in New York. I also work as a freelance filmmaker. I primarily direct short films and documentaries and have screened my films at festivals around the world and been fortunate to have had my work broadcast on television in the UK and US. I find it a very fulfilling career as I see both sides of the fence as a filmmaker and as a programmer. At Aber I studied Film and Television studies and also*

*Drama. My degree in film really helped my career as a programmer as it gave me a strong foundation to critically analyse and appreciate creative works, which is a huge part of the programming process. My degree in drama really prepared me for working with actors and developing stories while becoming more confident with myself and my own work."*

**What advice would you have for a student doing your course now?**

*"For film students I would say really try to shoot as much as possible. Aberystwyth is one of the richest and most beautiful locations in the world and the University is a wonderful platform for experimenting with new ideas and stories. Get your friends together, go out on weekends and shoot stories that take place in the woods, the mountains, by the sea, around the Old College - the landscape will really inspire you. Also it is a great habit to get in to and will give you a wealth of experience. It is a great time in your life to try out new things and really help you refine your craft."*

# Scholarships and Bursaries

for students from the UK/EU



How to finance your studies is a major consideration when choosing a university. At Aberystwyth our generous package of scholarships and bursaries has been designed to take some of the pressure off the cost of living whilst studying.

We have a range of awards that are open to **ALL** undergraduate applicants, which can be held in addition to any grants or loans you receive, and you don't need to repay them. You can even combine awards to make your financial package more valuable.

Our provision includes the long-established and well-regarded Entrance Scholarship competition. It offers you the opportunity to obtain an unconditional offer as well as some extra cash in your pocket. The competition involves sitting two 2-hour exams (from a

choice of 38 subjects) in February. You can sit the exams at Aberystwyth or at your school/college, and we'll let you know your results by the end of March. You can take a look at the type of questions asked in the exams collection of past papers on our website, where you can also download an application form.

Please visit our website for full information on the support available and to view the Scholarships, Bursaries and Awards brochure: [www.aber.ac.uk/scholarships](http://www.aber.ac.uk/scholarships)



# Tuition Fees and Financial Support

Our tuition fees for full-time students for the 2016/17 session were:

- **£9,000** for students living in the UK
- **£10,700** for international students studying the Arts/Social Sciences
- **£12,500** for international students studying Sciences

Students who normally live in Wales or are nationals of EU countries other than the UK, are eligible for an annual non-means tested Fee Grant of £5,100 from the Welsh Government which is paid directly to the University. Please note you must submit an application form to one of the student finance organisations below to qualify for this grant. Students who do not submit an application form will become liable to pay the full tuition fees.

For further advice and guidance you can also contact the relevant student finance organisation from the list below:

Students from Wales: [www.studentfinancewales.co.uk](http://www.studentfinancewales.co.uk)  
 England: [www.gov.uk/browse/education/student-finance](http://www.gov.uk/browse/education/student-finance)  
 Scotland: [www.saas.gov.uk](http://www.saas.gov.uk)  
 Northern Ireland: [www.studentfinanceni.co.uk](http://www.studentfinanceni.co.uk)

The University accepts a variety of payment methods, and will be flexible in its approach to collecting tuition fees payments. Please refer to [www.aber.ac.uk/en/studentfinance](http://www.aber.ac.uk/en/studentfinance) for information relating to payment methods.

When the academic terms of the offer have been achieved and a satisfactory financial assurance received, the University will provide an official letter of acceptance which you may use to obtain a student visa/appropriate foreign exchange.

## Additional Costs

A number of the University's degree schemes offer opportunities for students to undertake special study activities. The cost of involvement in such courses is not covered within the University course fees. These activities include fieldwork trips in biological and rural sciences, geography and earth sciences, art and theatre, film and television studies. For details see page 198.

## Additional Sources of Support

### Charitable Bequests

You may be able to get grants from charities or other bodies that have allocated money to particular courses or kinds of students. Take a look at The Directory of Grant Making Trusts published by the Charities Aid Foundation, and The Grants Register published by Macmillan, which should be at your local library. Scottish students can contact the Scottish Education Department for information about the Register of Local Endowments.

### Jobs and part-time work

Some students have holiday jobs or find part-time work during their studies. The University offers its students a wide range of part-time employment opportunities ranging from catering assistants to demonstrators in scientific laboratories. It is important to ensure that any job does not interfere with your academic work. Remember, too, that your earnings could affect your grant, or the tax refund from a covenant. The University operates an online database to help students find suitable part-time work.

### Year in Employment

You can opt to take a paid year in employment. For details see page 8.

### Sponsorship

Some major companies and the services offer sponsorship to students. These are normally aimed at engineering, computer science, business studies, science and language students. Sponsorship could provide you with work and money during your vacations.

### Career Development Loans

A Career Development Loan (CDL) can be used to fund any full-time, part-time or distance learning course as long as it is vocational. Loans up to £10,000 are available. Further information is available at [www.gov.uk/career-development-loans](http://www.gov.uk/career-development-loans)

### Disability Allowances

The Disabled Student's Allowance offers a range of financial support, and an additional grant may be available for travel costs. Some students with disabilities may also be able to claim DSS benefit. For information contact your DSS Benefits Advisor or SKILL (the National Bureau for Students with Disabilities) [www.skill.org.uk](http://www.skill.org.uk), or on 01712 740565. Your Aberystwyth contact is our Accessibility Officer 01970 621761.



PHILIP JONES GR



# Another world ...A safe haven

We're the **safest university in Wales**, and in the top 10 safest in the UK, according to the *Complete University Guide 2015*. So you can rest assured that your son/daughter should be well supported and feel at home here at Aberystwyth, indeed many of our students stay for years after graduation.

Our close-knit community is one of the jewels in our crown. Not only is there a unique bond between the students, but our staff and the people of Aberystwyth are also very welcoming and friendly. Indeed **Aberystwyth was officially named a "Great Town"** at the prestigious *Academy of Urbanism 2015 Awards*.



## Information for parents

We realise that the whole process of choosing universities is daunting for both yourself and our son/daughter, so here are some top tips for you...

- **try to visit as many universities as you can** - there's nothing better than seeing the place for yourself, and you may get a chance to talk to current students and staff at the university.
- **check to see if there are any scholarships/additional funding available to your son/daughter.** At Aberystwyth we offer an excellent package that has something for all students, that is in addition to any other financial support, and best of all doesn't have to be paid back.

- **make sure you're familiar with key dates** that will affect your son/daughter, including any deadlines for applications and their exam results dates
- encourage them to **consider a couple of options as back up plans**, in case they don't get the results they wanted. Entering the clearing process is a good option for some.

At Aberystwyth we try our best to help you through the application process, and indeed through the whole process of going to university. Have a look at our parents' guide for tips on helping your son/daughter to choose a subject, course and university; for useful information about fees, and key dates, preparing to study and a wealth of other advice and guidance.

[www.aber.ac.uk/en/pub/other](http://www.aber.ac.uk/en/pub/other)



## Aber student joins Tir na n-Og judging panel

Robyn Munn, an Education and History student at the University, has been selected to join the panel of judges for the 2016 Tir na n-Og children's books awards.

Robyn won a competition for the position of student judge on the panel for the best English-language children's book set in Wales. The Tir na n-Og Awards are held annually and presented by the Welsh Books Council.

Responding to the announcement, Robyn said: "When I heard the news, more than anything I felt incredibly proud but also privileged to be able to be a part of something, that not only encourages pride of the Welsh culture but also emphasises the importance of the availability of interesting children's literature. It has also benefited my studies as a student of education as it has allowed me to delve further into an area of children's education that I wouldn't have previously studied in as much detail. It has also benefited my work in my module that focuses on literature in young children and has helped me to discover different paths that my degree will be able to offer me, not to mention that it will be a valuable addition to my CV. So far the experience has been great and although it is going to be a lot of



work, reading the books that are in consideration for the competition is more of a pleasurable experience than a task.

As Elwyn Jones, Chief Executive of the Welsh Books Council explained, "The Tir Na n-Og Awards are the main awards for children's books from Wales, and have been organised by the Welsh Books Council for the past 40 years. During this time a number of prominent children's authors have been honoured for their work in both languages. The Council is extremely pleased to be working in collaboration with Aberystwyth University with one of the students joining the panel and being part of the judging process. The students are very aware of what interests young readers and take an active role in the discussions. The Books Council, as an organisation based in Aberystwyth, are grateful for the opportunity to work with the University."

## IBERS student is 2015 Ladies British Enduro Champion

Rhian George, a third year Sport and Exercise Science student at our Institute of Biological, Environmental and Rural Sciences (IBERS), recently won the title of Ladies British Enduro BEC Off-Road Motorcycling Champion 2015.

Originally from Caio in Carmarthenshire, Rhian has been riding from the age of 11 and racing competitively from 13 years old.

As Rhian said, "Competing at a high level as well as studying for my degree is a challenge. Luckily I couldn't ask for a more supportive department. They made it possible to continue racing as well as studying for my degree, which has given me the amazing opportunity to work with professionals at IBERS who have worked with athletes. This has been a brilliant experience and has helped me no end with my racing. I'm very happy to have gone unbeaten this season and to win my third British championship despite all the injuries.



I'm extremely lucky to be a part of such a supportive department. Although injured at the moment, I am still very excited to get back to testing and training in preparation for the 2016 British and European championships."

Dr Simon Payne, Rhian's tutor and Lecturer in Sport, Exercise and Health Psychology at IBERS said: "I am very proud of Rhian - indeed, any student successes of this magnitude. Rhian's winning attitude shines in the classroom too; she approaches her learning with the same challenge mentality that sees her dominate on the bike.

Rhian is on course for great things in her chosen scientific profession alongside the step up in Enduro competition she will make next season, to the European stage!"

## National Mooting success for Aberystwyth

The University's Mooting Society team is the 2015 LexisNexis Welsh National Mooting Champions. The competition saw students from Wales' Law Schools going head to head for the prestigious title of national champions.

Representing Aberystwyth at the Moot were Jake Moses, a first year student, and Josh Lovell a third year student, at the Department of Law and Criminology. Jake took on the role of Senior Counsel, whilst Josh was the Junior Counsel for the team.

Following success during the initial three rounds of competitive mooting, Aberystwyth faced a team from the Open University in the final round, the subject for the moot being 'Diminished Responsibility and Insanity'.

Each round of the moot was judged by independent legal professionals, with the judging panel for the final presided by the Honourable Mr Justice (Sir) Roderick Evans QC, the former Presiding Judge for Wales.



Commenting on their success, Josh Lovell said: "It was a fantastic event, which we could not have won without the support of the Mooting Society. The Society is a real feather in the Department's cap."

Congratulating the team, Professor John Williams, Head of the Department of Law and Criminology commented: "I am delighted about the success of our Mooting Society in the LexisNexis All Wales Mooting competition. It is yet another win in what has been a highly successful year for all the students involved in mooting. The Department is immensely proud of the Society. Its members work hard to promote the value of mooting to all students. For example, this year the Society introduced a mooting competition for first year students – sixteen first year students took part and enjoyed it. The Mooting Society plays an important part in the life of the Department."

## Aber students at the Europe crisis games

Two teams from the Department of International Politics at Aberystwyth enjoyed outstanding success at the Cyber 9/12 crisis games which were held in Geneva. Undergraduate team members Iain Bouwman, Christopher Dennett, Sam Smales and Nick Bruetsch won their way to the final, only to lose out to a combined Swiss team from HEC Lausanne and ETH Zurich. As well as securing the runner up spot, Bouwman, Dennett, Smales and Bruetsch won the prize for the competition's 'Best Written Submission'. Postgraduate students Grant Alger, Maihanna Murphy, Andrew Gilbert, Ian Goertz also reached the semi-finals.

Organised by the Atlantic Council, and hosted by the Geneva Centre for Security Policy, Cyber 9/12 is an annual cyber policy competition for students across the globe to compete in developing national security policy recommendations tackling a fictional cyber catastrophe.






Alain Bouwman said: "It was one of the most challenging and stressful competitions we've taken part in. Presenting your policy recommendations in front of a panel of Cyber Security experts and competing against other top universities, really did put the pressure on."

Dr Madeline Carr who accompanied the students to the competition said: "I expected our teams to do well - they had worked incredibly hard in the months leading up to the competition. But it was thrilling to see them perform so well against really tough competition. I've had numerous emails from different judges this week commenting on how impressed they were with the Aber teams. Amazing outcome! There is a growing demand for creative, smart people in cyber security policy and we put together two of the best teams in Europe. They all have big futures ahead of them."

# Visit us

## Open Days

-  **01970 622065**
-  **[www.aber.ac.uk/openday](http://www.aber.ac.uk/openday)**
-  **[openday@aber.ac.uk](mailto:openday@aber.ac.uk)**

During the year, Aberystwyth University hosts several Open Days where you can visit any part of the University. During your Open Day you will be able to:

- view our accommodation
- visit the departments
- tour our campus and facilities
- find out about our bursaries and scholarships
- speak to our current students and staff
- find out how studying at Aberystwyth will enhance your employability

## 2016 Open Days

 **Wednesday 29 June**

 **Saturday 17 September**

 **Saturday 15 October**

 **Saturday 12 November**

For more information and to reserve your place on an Aberystwyth University Open Day visit our website or contact us directly. By registering you will receive an Open Day programme in advance of the day; and receive news and information via email.

## Online Virtual Open Day

Experience Aberystwyth University without the travel by joining our Online Virtual Open Days. Our Online Virtual Open Days are perfect for getting 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.

**2016 Online Virtual Open Days 26 April, 27 July, 8 December.**

Find out more: [www.aber.ac.uk/virtual](http://www.aber.ac.uk/virtual)

Choosing a university is a life-changing decision. We understand that you have many options but limited choices. You will invest several years studying at university but the only way that you will know for certain that you have chosen the best university is to visit us...

## Applicant Visiting Days

Once you've applied for a place at Aberystwyth, you will automatically be invited to attend a Visiting Day. These visits focus on the course in which you've shown an interest, and are an opportunity to speak in more depth with tutors and current students within your department.

## Departmental events

Our departments often host events themselves, where they sometimes invite schools and groups into the department or host specific events to do with their work. Contact your department of interest directly to see what events they are arranging.

## We can come to you

-  **01970 622065**
-  **[www.aber.ac.uk/en/schools](http://www.aber.ac.uk/en/schools)**
-  **[schools-liaison@aber.ac.uk](mailto: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 conventions
- Subject talks from the University's academic departments

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



## 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.

## 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, intensive skills and GCSE revision course at Easter; 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 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 Dr Debra Croft or Hannah Clarke at the Centre for further information.

# Accommodation

Our accommodation is situated within easy reach of the campus so that there is no need for costly commuting. We offer a wide range of accommodation including catered residences, where meals are provided, and en-suite self-catered accommodation, with prices ranging from approximately £78-136 per week. Whatever your requirements, we aim to provide you with an option that will suit you best. To help you with your work all of our study bedrooms have free access to the web, and most offer Wi-Fi, as well as including all energy costs and a high level of contents insurance.

## Residential life

By choosing university accommodation, you will receive a warm welcome from our Residence Life Team and become a member of a much bigger, supportive, fun and vibrant community of like-minded people. There is a huge range of exciting events and activities on offer throughout the year as part of your Residence Life experience.

Each residence is a vibrant community with its own distinctive character offering you a safe and secure environment in which to socialise, study and relax. In order to ensure the highest standards, we have invested over £48m in our new student residence Fferm Penglais, providing an additional 1,000 places in individual en-suite rooms of the highest quality and specifications, continuing our objective to provide the highest standards of accommodation.

## Self-catering residences

This accommodation is arranged in either flats or individual houses to accommodate between 2 and 10 people, with fully-fitted kitchens and dining areas to offer you the independence to cater for yourself, and many now including breakfast bars with stools and soft seating areas. All self-catered residences (apart from our en-suite accommodation) offer shared bathroom facilities including toilets, wash basins, showers and/or baths.

## Catered residences

Our catered accommodation provides shared bathroom facilities, in blocks that accommodate around 12-25 people. If you take up residence in our catered accommodation you will also benefit from the use of our award-winning restaurants. Flats are however also equipped with kitchenettes in which you can prepare basic meals and snacks. Catered accommodation is a good choice if you do not want to worry about cooking your own food and doing the washing up!

## Aber Card

As a catered student your Aber Card will automatically be credited with enough money for at least one main meal a day. This meal allowance is taken from your hall fees and loaded onto your Aber Card in termly instalments, giving you the flexibility of when and where to eat.

All residents, whether in a catered hall or not, can use the Aber Card at any of our catering outlets and will benefit from a 10% discount. The Aber Card is also your student identification, allowing access to a number of residences, 24 hour learning centres, printing and library services.

## Family accommodation

If you wish to bring your family with you, there are a limited number of places available in University accommodation. Accommodation for families is also available in the private sector and the Accommodation Office can help you locate a suitable property.

## The private sector

Although the University accommodates a large number of students, including those in their returning years, some opt to move into the private sector. The Accommodation Office offers a private sector advisory service, which includes maintaining a private sector database, answering any queries you may have, as well as checking tenancy agreements.

## Applying for accommodation

If you are holding Aberystwyth as either your firm or insurance choice university, from 1 April onwards, the Accommodation Office will send you a letter of invitation to your home address and will also e-mail you with information on how to access and complete our online application form.

# GUARANTEED FIRST YEAR ACCOMMODATION

*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.*



*Students enjoying our brand new residence, Fferm Penglais which boasts en-suite double rooms*



Catered Residence



Shower en-suite



Laundry



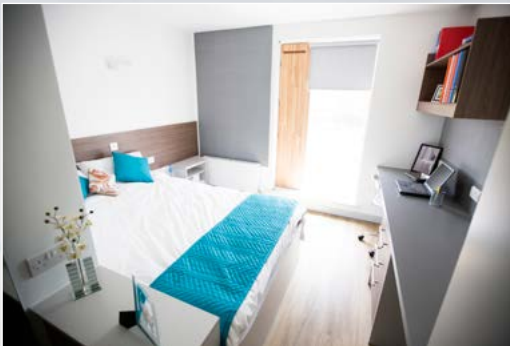
Residents' Car Park



Computer Rooms



Computer links in all study bedrooms



**Top:** A typical single bedroom; **Below:** A bedroom in the new Fferm Penglais residence

## Seafront Residences

**450 students**

The Seafront Residences boast a number of unique halls, all offering self-catered accommodation, and a mixture of shared facilities and en-suite flats of varying size. Central to town, but within easy walking distance to the University and easy connection to local bus service.



## Brynderw

**146 students**

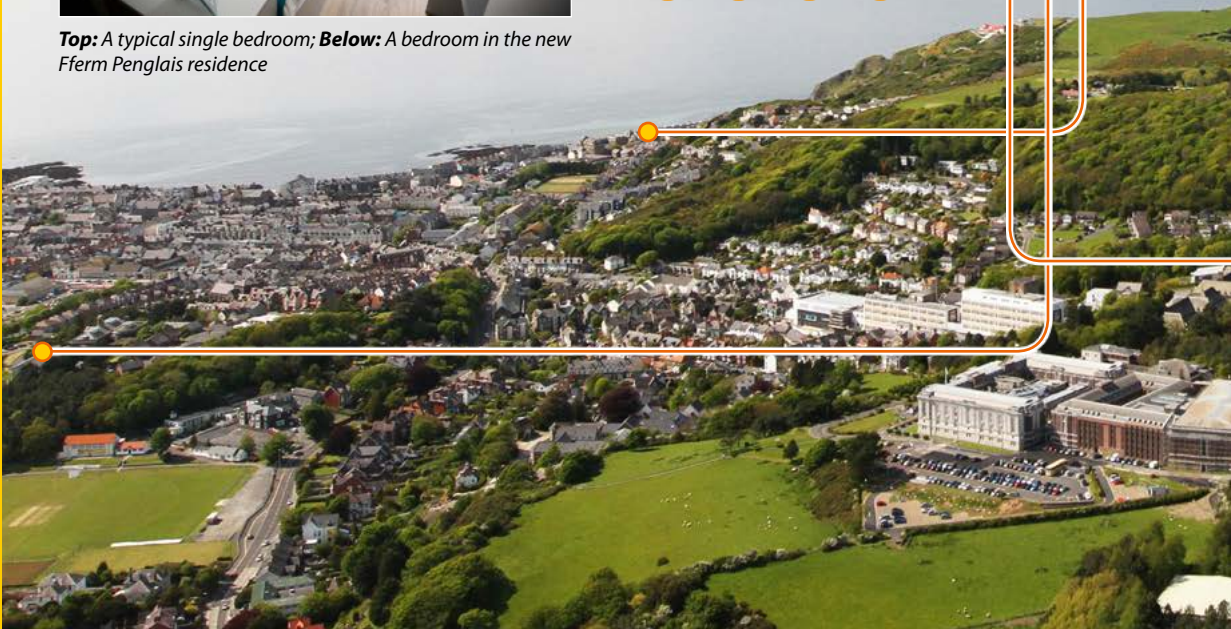
Self-catered shared facilities hall, which offers budget accommodation with single study bedrooms.



## Penbryn

**330 students**

Catered hall offering single and twin rooms within flats, with shared communal facilities. Students have full use of TaMed Da Restaurant located in Penbryn. There's also dedicated area(s) for those who wish to live in a Welsh speaking environment.



## Fferm Penglais

**1000 students**

Self-catered en-suite single study bedrooms, in flats of 6 or 8 rooms, and self-contained studio apartments, with wi-fi and hard-wired internet. Central communal hub offers range of facilities including communal space for clubs, societies and personal use. The site also boasts a number of laundrettes, bike stores, a grass sports pitch and dedicated area(s) for those who wish to live in a Welsh speaking environment.



## Cwrt Mawr

**604 students**

Self-catered shared facilities hall providing single and twin study bedrooms, within flats of between 6 and 10 students. Communal facilities include launderette and use of the Rosser Lounge – see below.



## Pentre Jane Morgan

**1000 students**

Self-catering houses, shared between 5 and 6 students. The Lounge at PJM provides 24 hour access to computers, wi-fi access, group study areas, 'easy' furniture to chill out in and a vending service.



## Rosser

**336 students**

Self-catered en-suite halls providing single study bedrooms, within flats of 8 students. Communal facilities include launderette and Rosser Lounge – which provides 24 hour access to computers, wi-fi access, group study areas, 'easy' furniture to chill out in and a vending service.



## Trefloyne

**147 students**

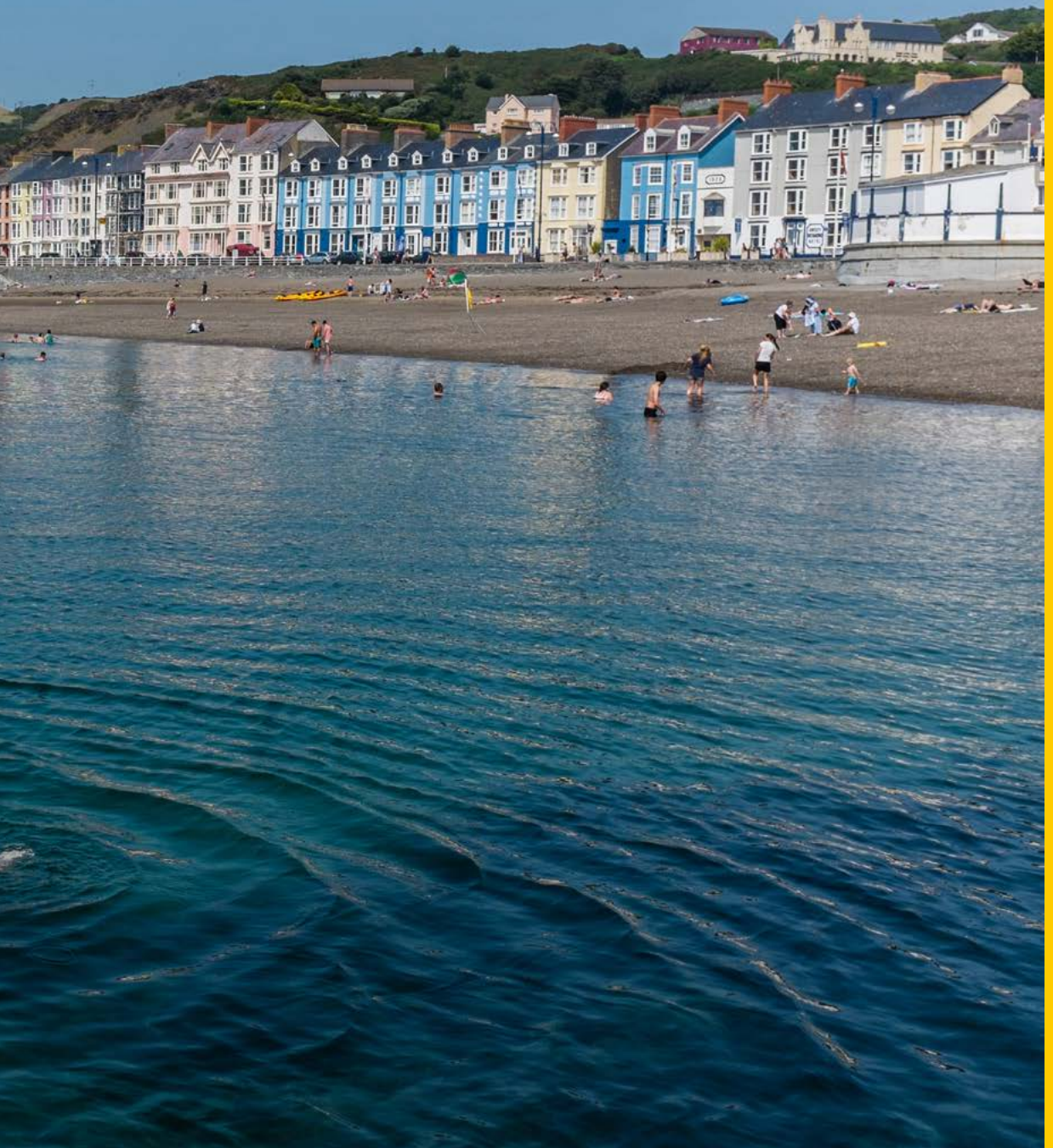
Self-catered shared facilities hall providing single study bedrooms, within flats of 7 students. Communal facilities include launderette and use of the Rosser Lounge – see above.



# Student life at Aber



Aberystwyth has something for everyone and is a vibrant, safe, coastal community, where students are a major part of everyday life. The town has a range of shops, a growing cafe culture, and a lively nightlife. Our natural and built environment is truly spectacular. Students often choose to take advantage of our coastal location by using our beaches as a contemplative space to study, socialise with friends at a beach barbeque or party, relax by watching dolphins swim across the bay, or take part in a range of watersports. The activities and facilities on offer within the University and town combine to offer a superb student experience.



# Aberystwyth

## and the area

Aberystwyth University is set in beautiful unspoilt scenery on the shores of Cardigan Bay. Ceredigion is home to five Blue Flag beaches, including Borth and Aberystwyth North beaches. Four beaches in the county have been awarded the Green Coast Award, and Aberystwyth South beach is also a Seaside Award Resort Beach. The landscape, flora and fauna in the area are quite outstanding and several Sites of Special Scientific Interest are close to the University. Red kites regularly fly over the campuses and bottlenose dolphins can be seen offshore.



As well as being naturally beautiful, the area provides a wide range of recreational activities and great days out. Just outside Aberystwyth, Bwlch Nant yr Arian offers you great walks and sites to have picnics whilst watching red kites being fed. It is also home to the first ever purpose-built mountain biking track in Wales, and was recently awarded a Gold Award by Visit Wales, as one of two premier visitor attractions in the country for their excellent facilities and customer services.

### Eating out

The town offers a cosmopolitan choice of places to wine and dine, with a wide range of world cuisine to choose from – Mediterranean, Caribbean, Indian, Chinese, Thai, Turkish, Italian, Greek, Spanish, Welsh and much more.

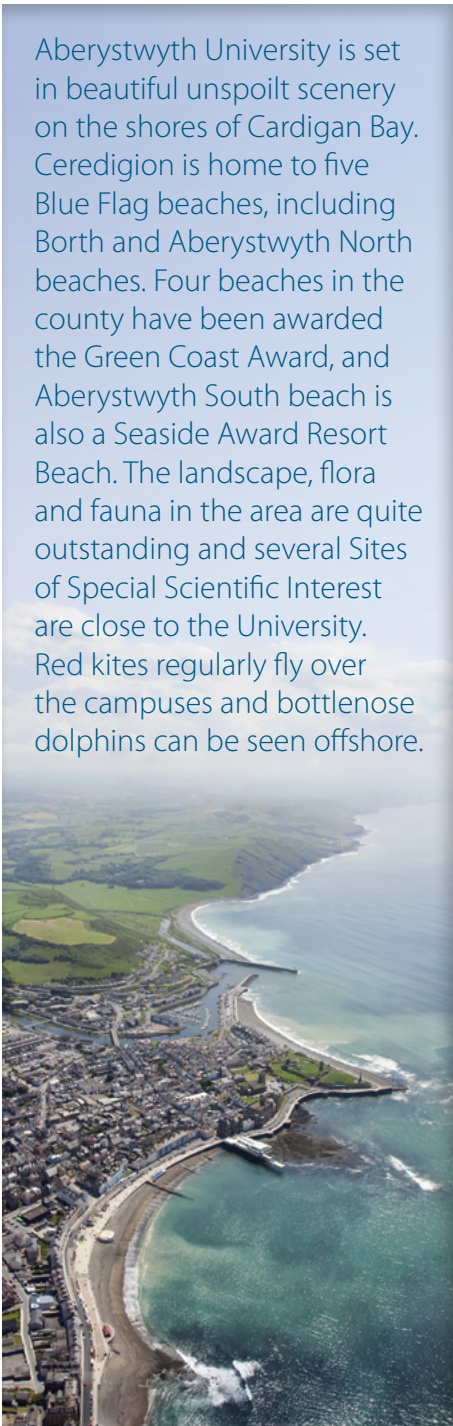
There are plenty of places where you can enjoy a nice meal with your friends without blowing your budget. There is also a massive cafe culture in Aberystwyth, with a number of great places to meet your friends or lecturers for a coffee, or even a spot of lunch.

### Nights out

No matter what type of night out you enjoy, Aberystwyth has an array of choices. From a meal to drinking in chic and modern pubs and nightclubs, you can do it all in Aberystwyth. All of the pubs and clubs in town offer a warm welcome to students and some of them offer live music and events, and the Students' Union organizes a busy programme of events. Aberystwyth offers an entertaining, diverse, safe and enjoyable place for a night out. Most student clubs and societies also organise regular social evenings, which provide a fantastic way of making new friends.

### Shopping

The town offers a shopping experience where lots of independent shops hold their own against the high street giants. There are several clothes shops with a great selection of brands and one offs, and some great vintage treasure chests to rummage through. Most of the main high street shops can also be found in town. If you're a foodie, then you'll be in your element! There are specialist shops for cheese, organic produce, coffee, sweets, seafood, oriental cuisine, spices and local meat; and the award-winning farmers' market where you can sample and buy local food and products.





# Culture at Aberystwyth

## Aberystwyth Arts Centre

Our award-winning Arts Centre on campus hosts performances from major national and international touring companies, as well as producing its own in-house productions. Performances are presented in the Centre's 1,200 seat concert hall, 320 seat theatre and in the more intimate studio, and there's a busy programme of screenings in the 120 seat cinema.

The exhibition programme focuses on the very best in contemporary art. From international ballet companies to performances from the Arts Centre Dance School, something is bound to delight. Classes available include ballet, ballroom, Chinese, contemporary, hip hop, Irish, salsa, Scottish and tap dancing.

Ever popular with student audiences are comedy nights, with big names regularly appearing at the Arts Centre: Jimmy Carr, Rhod Gilbert, Mark Watson and Julian Clary have all played recently.

The Arts Centre offers a range of shops, including a craft shop, dance shop, and the University's official bookshop. Students receive a 10% discount on set texts in the bookshop with a valid student card.

There are numerous opportunities for you to experience different cultural activities at Aberystwyth, whether it's a trip to the theatre, watching a film or comedy act, taking part in DJing events, or being part of a choir. You can do it all at Aberystwyth.



*Amongst its many events, the Arts Centre hosts the University's graduation ceremonies*

## Film

Aberystwyth has three cinemas. The Arts Centre's cinema is situated on campus and offers a huge range of films throughout the year, seven days a week. It has full 3D technology and screens art-house and foreign-language films as well as new releases, plus it links to live performances



from around the globe. It hosts a number of film festivals, in which students are encouraged to get involved. The 'Cult Film Programme' is run in conjunction with the Department of Theatre, Film and Television Studies.

Aberystwyth hosts the WOW (Wales One World) Festival, which is unique in the UK. It showcases a small programme of top quality films from the continents of Africa, Asia, and Latin America, screened at the Arts Centre. Abertoir is a unique horror film festival at the Arts Centre which is fast becoming a 'must see' event for horror film fans from all over the UK.

The Commodore cinema in town is a family-run cinema and bar that shows all the new releases; and the Drwm is the National Library's multimedia auditorium. It regularly screens classics and excitingly, silent films with live piano performances. The National Library's Screen and Sound Archive of Wales houses a comprehensive and unequalled collection of films, television programmes, videos, sound recordings and music.

## Theatre

The Arts Centre presents a diverse range from musical theatre and Shakespeare, to opera, magical children's theatre, puppetry and physical theatre. It also screens live links to performances by the National Theatre, RSC and Shakespeare's Globe. There are also plenty of opportunities for you to be involved in the Art Centre's theatre groups and to perform here, and in the twenty plus theatre groups in town.

Performances are regularly presented in the University's Department of Theatre, Film and Television's three studio theatres as well as other spaces around the town and Penglais campus. Works linked to the degree syllabus range from large staff-directed productions to performance works created by drama, theatre and scenography students in their final year. Other innovative performance work is written, produced and presented by departmental staff and students as part of research or as extra-curricular activities. All of this work is available for you to see.



## Music

The Arts Centre offers a comprehensive range of musical performances ranging from classical (BBC National Orchestra of Wales, the University's Philomusica) to blues, jazz, rock and roll, and chart; the list is endless. There are also several good opportunities to participate in organised classes and more informal jamming sessions.

If you are interested in music, the University's Music Centre offers a broad programme for both performers and listeners, with many opportunities to get involved. Philomusica is the University's 100-strong symphony orchestra, which enjoys an excellent reputation. There are also more informal groups for wind, string and brass instruments. If you enjoy singing, there are numerous choirs you can join, ranging from classical to madrigal and showtime.

Music scholarships are available for experienced orchestral musicians (please see page 14). The Aberystwyth Music Club hosts a regular recital programme that always includes internationally acclaimed performers.

Aberystwyth offers an exhilarating and eclectic range of musical activities - such as Latin, classical, folk, blues and jazz, soul, garage and is on the Radio 1 In New Music We Trust circuit. Venues range from the architecturally impressive Concert Hall in the Arts Centre to a cosy pub. As well as the big name bands who play at the Arts Centre, many other bands play in Aberystwyth, from that ubiquitous pub-blues band to local and student bands. The gigs are usually cheap and the music good and diverse.

## Festivals and Musical Events

- **Big Tribute** - Wales' first ever festival weekender made up exclusively of tribute acts, held near Aberystwyth. A family friendly festival with over 30 bands playing across two stages, usually held in August.

- **Aberystwyth MusicFest** - Hundreds of musicians from all over the world descend on Aberystwyth in July for the annual MusicFest. A weeklong festival of classical concerts and a summer school for aspiring musicians.
- **MidMad** - is the annual day of free outdoor music for everyone to enjoy at the Arts Centre.

Aberystwyth is home to a vibrant nightlife, bringing with it plenty of opportunities to get involved in DJing and other live music performances. Several venues in the town centre showcase the best of local DJs, and the Students' Union offers bigger name acts such as Radio 1's Huw Stephens. Legendary performers such as Grandmaster Flash, Chase & Status, Flux Pavilion and Ministry of Sound have also all played to Aberystwyth audiences over the years. 'Open deck' nights provide a chance for budding DJs to make their name, and there are plenty of potential venues to play at once you've honed your skills. If broadcasting is more suited to your interests, Aberystwyth's burgeoning student radio station, Bay Radio provides ample opportunities to share your taste in music with listeners and is open to all students to join and get involved.

## Take a class...

There's a huge range of short courses and workshops available on-campus and in town - they vary from term to term but here's an idea of what's available and where. The Arts Centre offers daytime and evening classes in both performing and visual arts, ranging from ceramics and life drawing to photography and animation. There are often lectures and talks arranged to coincide with a particular artist's exhibition or performance. The School of Art organises a number of classes which vary from year to year. The School of Education and Lifelong Learning offers a broad range of courses including drawing, painting, landscape, the still life, interiors, abstraction, sculpture, textiles, land art, willow sculpture, art history, Photoshop, web design and ceramics.



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



## Art

The Arts Centre is recognised by the Arts Council of Wales as one of the major galleries in Wales and is the principal regional contemporary art gallery for mid and west Wales. Exhibition spaces include Gallery 1, an elegant purpose-built space which showcases the very best of contemporary art including painting, sculpture, installations and new media and digital work; Gallery 2 provides a focus for print and photography work; the Café Gallery offers a more informal setting for smaller scale work; and 'The Box' showcases artist's films and new media work. The Ceramics Gallery showcases the best in contemporary ceramics from around the world and is also home to the University's outstanding Ceramic Collection. The Arts Centre hosts the biennial International Ceramics Festival.

The School of Art stages numerous exhibitions every year, showcasing items from its own collections, works by staff and students of the School of Art, works by selected artists, and national touring exhibitions. A number of exhibitions organised by the School have also been displayed at major public galleries and museums throughout the UK.



The National Library of Wales houses an important collection of Welsh paintings, drawings, prints and photographs, displayed in changing exhibitions. It hosts touring shows and curates its own exhibitions.

There are several independent galleries around town as well as informal exhibitions in cafés and restaurants. The Ceredigion Museum also has a lively programme of exhibitions in the Coliseum auditorium and the gallery. MOMA Wales, located in nearby Machynlleth, houses a fine collection of works by artists from 1900 with an emphasis on artists living or working in Wales. It hosts regular exhibitions and festivals throughout the year.

# Students' Union

Aberystwyth University's Students' Union is at the heart of student life. Run by elected student officers, the Union exists to enhance your student experience through encouraging participation, supporting development, and providing representation and quality services.



All students are automatically members of the Students' Union giving you access to a wide range of opportunities and services. Benefits of being a member include the NUS Extra Card, and a discounted bus pass to help get around Aberystwyth. You will have a platform to voice your opinions, whether it be on aspects of your course or on university issues through the Students' Union Council, or by becoming an Academic Representative.

Open all year-round, the Union offers a sociable and relaxing space to study, unwind or participate in activities. The Union is the perfect place to grab a coffee or a bite to eat between lectures – choose from Starbucks, tasty options from the Bakery and hot food such as wraps, burgers, sides and pizza from the award winning Stone Willy's Pizza.

As well as running the campus bars and shop, the Union runs and hosts a range of social events throughout the year; from live comedy nights to the annual Summer Ball. During Welcome Week a host of events and activities are run to enable you to explore everything on offer. They

also run Rugby 7s and Superteams – two events not to be missed whether you are a player or spectator.

The University's Advice Centre is a free, friendly, and confidential service available to all Aberystwyth students, that aims to make a positive impact on the lives of students through the provision of advice, information, advocacy and representation.

## UMCA

UMCA was set up 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. As well as organizing all kinds of nights out throughout the year and other social events, UMCA is also home to many Welsh societies some of which offer you the chance to sing, recite, dance, play sports and be part of a great community. UMCA also provides Welsh lessons to those who wish to learn the language free of charge.



## Clubs and societies



[www.abersu.co.uk](http://www.abersu.co.uk)

The Union is home to over 150 sports clubs and societies, ranging from debating and paintballing, Aikido and choirs, to conservation Volunteers, surfing, and gaming. For a full list of all the clubs and societies visit the Union's website, and remember, any student can start up a club or society if the Union doesn't run it, all you need is 10 members to start.

## Volunteering – at Aber and abroad



[www.abersu.co.uk/volunteering](http://www.abersu.co.uk/volunteering)

At the Students' Union there are many opportunities to volunteer in the local community, on campus and abroad. It's a great way to improve your employability, learn new skills, meet new people, and contribute your own ideas.

Many students take the opportunity to volunteer abroad in the summer holidays. The Students' Union can help you arrange various schemes, and there are many companies who offer specific schemes for students to work on during the summer. Many students have taken advantage of the Camp America schemes, where they help out in a summer camp, either using some of the skills gained during their course, or developing new skills. Others have been to Africa to build schools, and to orphanages

in various countries to work there. The opportunities available to you at Aberystwyth are endless.

Here are some examples of the local projects that the Students' Union runs:

### **Nightline**

Run by students, for students, Nightline provides a confidential listening, emotional support and information service that gives students the time and space to talk through whatever is on their mind. Nightline recruits for student volunteers throughout the year.

### **Aberystwyth Conservation**

Aberystwyth Conservation Volunteers are active in the countryside every weekend of term, and every Wednesday afternoon in the Campus Garden. Everyone is welcome.



# Sports and lifestyle

Aberystwyth offers a wide range of sports activities, to suit all levels and abilities. From the more competitive inter-university sports leagues (BUCS), to the more relaxed intra-mural recreational games, you can do both here.

At Aberystwyth you can also bring your horse with you, even if you're not studying equine related courses. You can look after your horse yourself in our stables or opt to use our full livery service.

You don't have to be particularly sporty to enjoy the range of activities and classes available at Aberystwyth. In addition to the great outdoors, the Sports Centre on campus offers a wide range of fitness and wellbeing classes designed to help you maintain a healthier lifestyle in a way that suits you.

## The Sports Centre

The Sports Centre and student sport clubs work closely together to ensure you receive the best possible sport and exercise experience during your time here at Aberystwyth University. We passionately believe that sport and exercise can benefit everyone, and the Centre is accessible to all students. Membership packages represent great value for money and open doors to a wide range of sport and exercise. You can tailor the package you want and gain rewards for regular use.

## Links with the WRU

Aberystwyth is to be the first university in Wales to have a University Rugby Hub Officer in an extension of the WRU's highly successful schools Club Hub Scheme. The officer will be involved in promoting coaching in the community, and creating opportunities for providing refereeing/coaching courses. The officer will also provide a link between the University, WRU, and the Scarlets.



Our on-campus Sports Centre, together with the other University facilities in town, offer you:

- 6 Elite training venues under one roof @AberSport #6in1
- Strength and Conditioning
- Cardio Theatre
- Women's only studio
- Plate-loaded room
- Spinning Studio
- 400 metre 2-lane track
- On-campus indoor swimming pool and saunarium
- 2 sports halls
- Dance/exercise studio
- All-weather sand-dressed floodlit hockey/football pitch
- Floodlight 3G pitch
- 2 squash courts
- 9 badminton courts
- 2 basketball courts
- 3 volleyball courts
- Access to the town tennis club
- Indoor climbing wall
- An equestrian centre
- 48 acres of sports pitches (football, rugby, American Football, lacrosse)
- Two grass cricket wickets, an artificial wicket and nets (indoor and out)
- Specialist facilities for water sports including a boathouse

Our programmes of fitness and wellbeing classes cater for all levels of fitness. With motivating instructors, great tunes and fabulous fitness results, these include...

### Fitness classes

- **Group Cardio Training sessions** - Aerobics, Circuits, Step, Zumba, Insanity
- **Group Toning Training sessions** - Core Stability, Bodyfit, Dumbbell Workout, AX, Zumba Toning
- **Spinning®** - Spinning gives you a great, fun workout as well as instruction on basic cycling drills, motivation and fitness

### Mind and body classes

- **Ashtanga Yoga** - one of the more intense styles, using a series of postures practised in a flowing and dynamic way so as to create and maintain heat in the body
- **Hatha Yoga** - teaches us to focus on the presence of working moment to moment and consists of the postures (asanas) and breath control (pranayama)
- **Pilates** - a whole body floor-work based core training exercise class combining strength, stretch, mobility and relaxation, with particular concentration on posture and the abdominals
- **Back Care** - aimed at those with chronic back pain, who would like to improve core strength and hopefully reduce instances of recurring back problems

### Aqua classes

- **Triathlon Swim** – coaching sessions with Welsh Coach of the Year
- **Aqua Gym** - a fabulous workout in deep water, suspended by floatation belts that allow you to work in an effective, but entirely safe manner



# Supporting YOU

Our Student Support Services are friendly and approachable. Working with you, they can achieve solutions for most of the challenges of student life. The team aim to offer student-centered support that is responsive to your needs, and is confidential and non-judgemental.

## Student Welcome Centre

The Student Welcome Centre is your one-stop shop for a range of advice and information including: student finance and money management, disability and specific learning differences and guidance on a range of health matters, including emotional and sexual wellbeing. The Centre houses our Advice Information and Money Service; our Accessibility Service and our Wellbeing Service.

Our Welcome Desk is your first port of call for general enquiries about our services. The desk is usually open Monday to Thursday, 9am–5pm and Friday, 9am–4pm but this varies according to the time of year.

### Advice, Information and Money Service

The Student Advice, Information and Money Service provides information, advice, support and referral on a wide range of issues. If you are unsure about where to go for advice or assistance please contact us. No issue is too big or too small. Our service is confidential, non-judgemental and free of charge. We have a drop-in service (see website for details) or you can make an appointment with an Adviser by contacting our Student Welcome Desk.

The student advisers are accredited with The National Association of Student Money Advisers (NASMA) and are able to offer professional advice on money management or any issues with Student Finance. They can also give advice and guidance on any queries relating to accommodation, academic progress, University procedures or eligibility for Hardship funds.

### Accessibility Services

The University welcomes applications from disabled students and those with specific learning differences, and considers them on the same academic grounds as those for other candidates. We advise you to consider, before applying, the requirements of your chosen course, identifying any elements that might present particular difficulties. We recommend that you visit the University campuses and your department of choice to investigate the support that may be available, explore facilities and discuss specific needs.

Our Student Accessibility Advisers are happy to help before you apply. It is important that you contact your department and our advisers as early as possible as it may take time to arrange adjustments and organise support. We also recommend that you contact our Student Accessibility Advisers to discuss a study needs assessment and to get advice on grants, such as the Disabled Students' Allowance (DSA). Our advisers can arrange support workers, including for one-to-one study skills support, note-takers, mentors and library assistance. Individual examination arrangements may be available for students with a range of impairments including specific learning differences such as dyslexia and dyspraxia.

### Signpost Mentoring

Our Accessibility Service also includes the Signpost Mentoring Scheme which offers friendly, confidential, one-to-one advice on any aspect of university life. Signpost is a peer-mentoring scheme for all new undergraduates to help you achieve your potential, settle down in university life, plan for the future, and make the most of your time at university.

## Resident Tutors

All halls of residences have a support network of Resident Tutors, who will contact you on your arrival to welcome you to your residential community. Their role is to help you settle in and make the most of your opportunities beyond the classroom and, where needed, enable you to access the entire range of support services within the University.



## Student Wellbeing Services

☎ 01970 622087

@ nurse@aber.ac.uk or counselling@aber.ac.uk

The Student Wellbeing Service provides advice and guidance on a range of health matters, including emotional and sexual wellbeing, and includes our mental health, health promotion and counselling provision. Appointments are preferred, but not always necessary. The Student Wellbeing Service is in addition to, but not a substitute for, your own GP. Although we work closely with local GPs and hospital services to ensure that you get good care and attention when needed, it is important that you register with a local GP practice on arrival in Aberystwyth.

## Childcare

Childcare provision includes a nursery in a new, purpose-built building opposite Penglais Campus. Childcare can also be arranged to cover school INSET days and bank holidays, providing there is sufficient demand (advance booking required). Comprehensive childcare is available during Welcome Week, subject to demand.

## Student learning support and the International English Centre

Support is available for all students to help with academic writing, participation in seminars and lectures, presentation skills, and use of the University's network-based academic resources. This includes semester-long courses in writing, communication and information skills (non-credit bearing); modules in academic writing and communications (credit bearing); and individual consultations on aspects of your writing.

## Mature students

Mature students tend to bring high levels of motivation and wide experience to our community. If you are without recent academic experience your application will be considered on the basis of interview (for which the University can contribute towards your travelling expenses). We welcome applications from individuals who have a wealth of life experience, even if you don't have the required qualifications. Our Undergraduate Admissions Officers are always willing to offer advice and guidance about how to prepare for university life, and which course to choose. Mature students at Aberystwyth are assigned a personal tutor, who will ensure you receive advice on your academic work. There is also the mature students' representative within the Students' Union to provide support and information, and a mature students' society that organizes social events.

## Nightline

This is a national, independent listening service run by students, for students. This confidential helpline, email and instant messaging service runs from 8pm to 8am Tuesdays to Sundays during term time on 01970 622166 and [nightline@aber.ac.uk](mailto:nightline@aber.ac.uk).

## Advice

The Students' Union runs an Advice Centre, staffed by professional advisors providing independent support and representation, whether academic, housing or financial, for students who may find themselves needing support whilst at university.

# Learning support facilities

## Libraries

Library Services at Aberystwyth play a vital role in your learning by facilitating access to extensive collections and electronic resources required for your studies, and you will receive help and support from our friendly and knowledgeable staff.

There are three libraries providing a variety of flexible learning spaces catering for groups and individual study. The Hugh Owen Library is at the heart of the Penglais Campus and is open 24-hours each day during term-times. Collections for humanities, life sciences, social sciences, education, rural studies and Welsh subjects are held here. The Physical Sciences Library also on Penglais Campus provides for physics, mathematics and computer science subjects. The Thomas Parry Library on Llanbadarn campus houses materials for information studies, law and criminology, management and business. The libraries also hold several rare and special collections plus a wealth of other learning materials. Our online materials are available anywhere and anytime and offer an extensive breadth of coverage from art to zoology.

We have dedicated staff offering subject-specific support helping you to get the best use of your time and the resources on offer and are contactable via phone, email and instant chat. In addition they work with your department to provide information skills sessions tailored for you.

## Language Laboratory

The Language Laboratory offers excellent facilities for the intensive practice of linguistic skills. The Laboratory is based upon sophisticated computing packages which assist you to learn a wide variety of languages (including English, German, French, Italian, Spanish, Welsh and other languages).

## E-learning and teaching

Aberystwyth University provides a range of resources to support learning and teaching. Our online learning environment, AberLearn Blackboard gives students access to material relating to their course including recorded lectures, e-submission of assignments, announcements and interactive tools such as discussion boards, blogs, wikis and podcasts. Other tools available at Aberystwyth

At Aberystwyth we have excellent libraries, learning resources, computing and teaching equipment to support your research, and learning and to help you to succeed in your chosen subject.

include Questionmark Perception for online exams, and Qwizdom for interactive in-class voting. In addition, our recently enhanced teaching rooms contain up-to-date teaching equipment.

## Computing facilities

There are around 800 computers available for student use in libraries and dedicated computer rooms, some of which are available 24-hour, across all University locations. In addition to Windows and Office, these computers offer a range of specialist software to support your studies. Combined printing, photocopying and scanning facilities are provided in locations across our campuses.

Aberystwyth has a high-speed computing network available to all students and staff. The wireless network covers all University administrative and teaching buildings and residences. Every room in halls has a network point and Information Services has a dedicated team of staff to support students using their own computers in halls of residence. We also offer a range of equipment available for loan.

## Information Services support

Support and advice on using the libraries, IT facilities and services is freely available in person at any of our Enquiry Desks in our libraries or by email, telephone, online chat and social media.

## The National Library of Wales

Situated next to the University's Penglais campus is the National Library of Wales, one of only five copyright libraries in Britain entitled to receive a copy of every book published in the UK. As a student at Aberystwyth you have free access to the National Library's 6 million books and journals, 5 million digital images and electronic resources, 30,000 rare manuscripts, 1.5million maps, and 7million feet of film, 15km of unique archives, and much more.



# Study abroad and student exchanges

When you graduate you will be competing in a huge international employment market. Studying abroad will help you to improve your career prospects, learn a new language, develop an international perspective at an overseas university or enterprise, and form a large circle of international friends.

## European study and training opportunities

A period of studying abroad allows you to gain a range of transferable skills that are highly valued by employers. You also have the option of undertaking a work placement in an institution or company in any of the 33 European Union countries. Placements can last between three to twelve months, including during the summer period and all students who take part in exchange are eligible for an Erasmus+ grant. For students following a course in Modern Languages, a year abroad is compulsory. Students from other departments may choose to go abroad for either a semester or a full academic year (delete in their second year). Students will gain module credits for this time abroad and it will form an integral part of their overall degree programme, without extending the duration of their degree.

The University has links under the Erasmus+ programme, with art, geography and earth sciences, theatre, film and television studies, psychology, rural and biological sciences, English and creative writing, modern languages, history, international politics, law and criminology, mathematics, physics, management and business, and Welsh and Celtic studies. The University is linked with institutions in Austria, Belgium, Czech Republic, Denmark, Ireland, Finland, France, Germany, Italy, the Netherlands, Norway, Poland, Spain, Sweden and many others.

Successful participation in the Erasmus+ programme is greatly facilitated if you are fluent in the relevant language, but many of our partner institutions teach modules through the medium of English. At Aberystwyth you can pursue a number of languages at a beginners' level alongside or as part of your main degree subject, providing valuable preparation for your exchange visit. We also offer the online Linguistic Support System course, created by the European Commission, to help with language fluency.

## Study Year Abroad

– for students applying from overseas

Our fee-paying Study Year Abroad Programme gives international visiting students the opportunity to follow a flexible programme of study which should also enable you to gain credits and transfer these to your degree course at home. If English is not your first language and you need to improve your language competency, you will begin by developing your English language skills in intensive courses at our International English Centre (see page 43). For more information, email us at [studyabroad@aber.ac.uk](mailto:studyabroad@aber.ac.uk) to request our programme brochure.

## International Exchange Programme

Through our programme of exchanges with universities across the world you could spend your second year (or for some subjects, a semester only) abroad. The exchange involves a simple one-to-one student swap with an international university, where you will enjoy the same rights and privileges as full-time students at the host institution. The period of study overseas is considered an integral part of your Aberystwyth degree. International course assessments will be converted into their British equivalents. Currently we have institutional links with many universities including...

- American University, USA
- University of Montana, USA
- University of Ottawa, Canada
- Deakin University, Australia
- Hong Kong Baptist University

We also have some departmental links...

- **International Politics:**
  - Renmin University, China
- **School of Art:**
  - University of New South Wales, Australia
- **School of Management and Business:**
  - Azerbaijan Diplomatic Academy



# Information for international students

For international students, studying at Aberystwyth is an opportunity not to be missed. A friendly welcome, great student satisfaction and a superb high-quality learning environment in a beautiful location on the west coast of Wales awaits you.



The International Office is responsible for promoting the University overseas and co-ordinates student recruitment, the development and nurturing of institutional and other links world-wide, and the enhancement of study abroad and student exchange opportunities. University staff attend exhibitions and fairs in many parts of the world and can provide advice and guidance to you on studying at Aberystwyth.

## Supporting you

We have an International Student Advisor to offer advice and support on a wide range of issues, as well as providing specialist immigration advice and help with applying for visas. A special international induction week is organised for international students at the start of your first term.

There is also the Signpost Mentoring Scheme which allows you to be paired with a second or third year undergraduate for your first couple of weeks in Aberystwyth. They will be available to advise you on day-to-day issues and to help you settle in smoothly. The International Office also organises several social activities throughout the year.

## Language support

There is plenty of language support available at the University's International English Centre once you have started your degree. This includes free one-to-one language consultations at the International English Centre; free writing, communication and information skills classes, and credit-bearing modules aimed at improving your written communication.

## How to apply

You should apply through UCAS – follow the instructions given on page 186. The British Council will be pleased to provide you with advice if you are resident in a range of countries across Europe, Asia, Africa and North America. See [www.britishcouncil.org](http://www.britishcouncil.org)

## English language requirements

Our degree courses are taught in English so you need to have a good level of English in order to study here. The basic English language requirements needed are:

- IELTS - minimum level 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 or International Foundation Certificate at the University's International English Centre (IEC) [www.aber.ac.uk/en/international-english/](http://www.aber.ac.uk/en/international-english/)

## Pre-sessional courses

If you have not reached the level of English needed to start your degree, the University's International English Centre (IEC) can help. The IEC offers Pre-sessional Courses ranging in length from 6 to 42 weeks. These intensive courses enable you to develop the language and academic skills needed for degree success.

## International Foundation Courses

If you do not have the academic qualifications to go directly into an undergraduate degree, the International English Centre offers an International Foundation Certificate which can help you to gain the academic level you need to apply for a degree. This course is also popular with students who need to improve their language skills and want gain confidence in studying through English.

## Fees

The course fees for undergraduate students classified as international students in 2016-17 were:

- **£10,700** for international students studying the Arts/Social Sciences
- **£12,500** for international students studying Sciences

For the latest fees information visit our website.

## International Excellence Undergraduate Scholarships

We have 18 International Excellence Undergraduate Scholarships worth tuition fee discounts of £8,000 over the duration of a three year degree scheme available for international students applying to study a full degree.

In order to be considered, you must have applied to Aberystwyth by 30th June, and subsequently place us as your Firm choice of university. It is not necessary to apply for the Scholarship – all international applicants will automatically be considered. The Scholarships will be awarded based on academic achievement. If you are successful in obtaining a Scholarship, you will be informed before the start of term.

For 2016 entry, Scholarships were available to applicants normally resident in the following countries: Brazil, China, Honk Kong, India, Malaysia, Nigeria, Norway, Sri Lanka and the USA – as well as a number awarded for highly qualified applicants from any other overseas country.



# Studying through the medium of Welsh

Being able to work through the medium of Welsh can greatly enhance your career opportunities. Since the establishment of the 1993 Welsh Language Act, the inception of the Welsh Government, and the Welsh Language Measure (Wales) 2011, the demand for Welsh-speaking employees across a range of professions has dramatically increased. Indeed, many jobs in Wales are now advertised only in Welsh, such is the need in some roles to be able to work and communicate in Welsh.

At Aberystwyth we offer an ever increasing range of degrees and modules which can be studied through the medium of Welsh. Currently, between 67% and 100% of the following degrees is available in Welsh:

- BA Astudiaethau Celtaidd (Celtic Studies)
- BA Astudiaethau Drama a Theatr (Drama and Theatre Studies)
- BA Astudiaethau Ffilm a Theledu (Film and Television Studies)
- BA Cymraeg
- BSc Daearyddiaeth (Geography)
- BA Gwleidyddiaeth (Politics)
- BA Gwleidyddiaeth a Gwleidyddiaeth Cymru (Politics and Welsh Politics)
- BA Gwleidyddiaeth Ryngwladol (International Politics)
- BA Gwleidyddiaeth Ryngwladol a Gwleidyddiaeth Cymru (International Politics and Welsh Politics)
- BA Hanes (History)
- BA Hanes Modern a Gwleidyddiaeth (Politics and Modern History)
- BA Hanes a'r Cyfryngau (History and Media)
- LLB Law

Our Department of Welsh and Celtic Studies also offers the BA Cymraeg Proffesiynol (Professional Welsh) for students with an advanced level of Welsh, to further develop and nurture their skills in a way that will be extremely effective in the workplace, and will place graduates from the course amongst the elite in the Welsh jobs market.

The University also offers a broad range of modules that can be studied in Welsh, even if you're studying a course primarily through the medium of English. The provision varies in each department...

- Up to 80 credits a year can be studied in international politics, law, geography and history
- Up to 60 credits a year can be studied in education and childhood studies, and theatre, film and television studies

- Up to 40 credits a year can be studied in agriculture, business and management, criminology, countryside courses, biological sciences, physics, computer science and mathematics

Some modules through the medium of Welsh are also available in computer science, European languages, and psychology. For further information contact your department. All students also have the opportunity to submit their work and sit exams through the medium of Welsh, even if you're studying a course through the medium of English. You can also be assigned a Welsh-speaking personal tutor if you wish.

Welsh medium provision at Aberystwyth is thriving as we invest internally in the provision, and take full advantage of the national schemes which are funded by the Coleg Cymraeg Cenedlaethol. The Coleg Cymraeg Cenedlaethol is a national institution that has a key role to play in the planning, maintenance and development of Welsh medium education and scholarship in Wales' universities. Here at Aberystwyth University, the Coleg Cymraeg Cenedlaethol's branch is coordinated by the Centre for Welsh Language Services.

During the past few years, the University has added to the strength and depth of Welsh medium provision by appointing Welsh medium lecturers funded by the University and through the Coleg Cymraeg Cenedlaethol's Academic Staffing Scheme. To date, such appointments have been made in the biological, environmental and rural sciences; mathematics; physics; geography and earth sciences; computer science; education and lifelong learning; law and criminology; management and business; theatre, film and television studies; history and Welsh history; Welsh; and international politics.

As a Welsh-speaking student at Aberystwyth you can join the Coleg. As a member you will receive:



Jeff Smith

Mathematics BA, Physics MPhys, Rochester, Kent

*"When I moved into Pantycelyn Halls, I came across a lively Welsh society, and I really wanted to learn Welsh. My new friends were a great help and UMCA (Aberystwyth's Welsh students' society) also offer Welsh lessons free to students. The process of learning Welsh was tough but amazing, and for me it created so many opportunities, experiences and new friends.*

*I've studied several modules through the medium of Welsh, and I've also written articles in Welsh for the journal Gwerddon. Working through the medium of Welsh has been great for me, and is a very natural way of working.*

*I do a lot with UMCA. I'm a member of the choir and I also teach Welsh lessons for UMCA now too.*

*The Welsh community is very vibrant and lively, with lots of activities including nights out, trips, choir, Welsh medium societies, and sports through the medium of Welsh.*

*I've had great experiences and I've learnt a lot here."*



- information on the opportunities available to study through the medium of Welsh and bilingually
- support from Branch members on any aspect of the Welsh medium provision
- access a wealth of resources on Y Porth - the Coleg's national e-learning platform. Some Welsh medium modules are offered collaboratively with other universities and studied via the Porth, and you can also access Welsh medium resources in a variety of academic disciplines
- work towards the Coleg's Language Skills Certificate, developed by the Coleg to recognise the importance of Welsh language skills amongst students who are studying at Welsh universities. The certificate demonstrates your ability to communicate confidently and professionally orally and on paper through the medium of Welsh
- Members will also receive the latest news regarding scholarships, conferences, and opportunities and activities offered by the Coleg

You can also become a member of the Coleg as a prospective student, which will give you access to information on opportunities to study through the

medium of Welsh, and a membership number which is needed when applying for a Coleg scholarship.

A number of the University's degree schemes are eligible for one of the Coleg's scholarships. As well as the financial reward, scholarship holders will undertake an arranged work placement and an opportunity to work towards the Coleg's Language Skills Certificate qualification.

The Main Scholarships are worth £3,000 (£1,000 a year) and are offered on courses where there's an opportunity to study at least 80 credits per year through the medium of Welsh. Applicants for the Main Scholarships are asked to apply to Aberystwyth University and sit an Entrance Scholarship exam in order to be considered.

The Coleg also offers Incentive Scholarships worth £1,500 (£500 a year) and these are available on courses where there is an opportunity to study 40 credits per year through the medium of Welsh.

Further information is available on the Coleg Cymraeg Cenedlaethol's website, in our Welsh prospectus, and at the beginning of each subject area in the course pages of this prospectus.

# Combine your subjects

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

- **Foundation degrees** – 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** – offers 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 page 47)
- **Bachelors major/minor honours degrees** – provide you with a rigorous basis in one discipline, with the advantage of pursuing an additional subject of interest to you (see page 48)
- **Integrated Masters degrees** - allow you to integrate three years of undergraduate study with a further year of postgraduate level study leading to a Master's qualification. You can apply for a four-year student loan for these degrees, rather than looking for funding for a Master's after your first degree.

## Degrees, the facts...

- Undergraduate degrees last for between 2 and 5 years, depending on what type they are. The majority of bachelor honours degrees last 3 years. If you study a language, you will spend a year abroad, and some courses include a foundation year or a year in industry.
- Integrated Masters degrees typically last 4 years, but with work experience can be 5 years
- 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

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.

- 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.

## 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 entry requirements are for a major/minor honours degree, consult the main subject entries for both subjects – the overall grades 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 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 details see page 44.*

## Joint honours degree schemes

### Accounting and Finance and

Economics	LN14
Spanish	NR44

### Applied Mathematics and

Pure Mathematics	G130
Statistics	GG13

### Art History and

Creative Writing	WV83
English Literature	QV33
Fine Art	WV13
French	RVC3

### Biochemistry and

Genetics	CC47
----------	------

### Computer Science and

Mathematics	GG14
Physical Geography	FG84
Physics	FG34
Welsh	M6P1

### Creative Writing and

Art History	WV83
Drama and Theatre Studies	W841
Film and Television Studies	WP83
Fine Art	WW18
French	WR81
German	WR82
Scenography and Theatre Design	W847
Spanish	WR84
Welsh	WQ85*

### Criminology and

Psychology	CM89
------------	------

### Drama and Theatre Studies and

Creative Writing	W841
Education	WX43
English Literature	QW34
Film and Television Studies_ WW64 + WWP4*	
Fine Art	WW14
French	RW14
History	WV41
International Politics	LW24
Mathematics	GW14
Scenography and Theatre Design	W432
Spanish	RW44
Welsh	QW54*

### Economic and Social History and

International Politics	LVF3
------------------------	------

### Economics and

Accounting and Finance	LN14
Marketing	LN15

### Education and

Drama and Theatre Studies	WX43
English Literature	QX33
Fine Art	WX13
French	RX13
History	VX13
Irish Language and Literature	QX5H
Mathematics	GX13
Welsh	QX53*

### English Literature and

Art History	QV33
Drama and Theatre Studies	QW34
Education	QX33
Film and Television Studies	QW36
Fine Art	WQ13
French	QR31
German	QR32
History	QV31
Human Geography	LQ73
International Politics	LQF3
Irish Language and Literature	QO5H
Spanish	QR34
Welsh	QQ35*

### Fine Art and

Art History	WV13
Creative Writing	WW18
Drama and Theatre Studies	WW14
Education	WX13
English Literature	WQ13
Film and Television Studies	WW16
History	WV11
Irish Language and Literature	WQ15
Welsh	WQ1N*

### Film and Television Studies and

Creative Writing	WP83
Drama and Theatre Studies_ WW64 + WWP4*	
English Literature	QW36
Fine Art	WW16
French	RW16
History	VW16
International Politics	LW26
Mathematics	GW16
Scenography and Theatre Design	WP43
Spanish	RW46
Welsh	QWM6*
Welsh History	VW26*

### French and

Art History	RVC3
Creative Writing	WR81
Drama and Theatre Studies	RW14
Education	RX13
English Literature	QR31
Film and Television Studies	RW16
German	RR12
History	RV11
Human Geography	LR71
International Politics	LRF1
Mathematics	GR11
Spanish	RR14
Welsh	QR51*

### Geography and

History	LVR1*
International Politics	LL7F*
Welsh	LQ75*
Welsh History	LVT1*

### Genetics and

Biochemistry	CC47
--------------	------

### German and

Creative Writing	WR82
English Literature	QR32
French	RR12
History	RV21
Mathematics	GR12
Spanish	RR24
Welsh	QR52*

### History and

Drama and Theatre Studies	WV41
Education	VX13
English Literature	QV31
Film and Television Studies	VW16
Fine Art	WV11
French	RV11
Geography	LVR1*
German	RV21
Human Geography	LV71
International Politics	LVF1 + VLD2*
Irish Language and Literature	QV5*
Mathematics	GV11
Politics	LVG1
Spanish	RV41
Welsh	QV51*
Welsh History	VV12 + VV21*

### Human Geography and

English Literature	LQ73
French	LR71
History	LV71
International Politics	LLR2
Politics	LLT2

### International Politics and

Drama and Theatre Studies	LW24
Economic and Social History	LVF3
English Literature	LQF3
Film and Television Studies	LW26
French	LRF1
Geography	LL71*
History	LVF1 + VLD2*
Human Geography	LLR2
Spanish	LRF4
Welsh	LQF5*
Welsh Politics	L245*

### Irish Language and Literature and

Education	QX5H
English Literature	QO5H
Fine Art	WQ15
History	QV5C*
Welsh History	QV52*

### Marketing and

Economics	LN15
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*

### Microbiology and

Zoology	CC35
---------	------

### Physical Geography and

Computer Science	FG84
Mathematics	FG81

### Physics and

Computer Science	FG34
Mathematics	FG31

### Politics and

History	LVG1
Human Geography	LLT2
Welsh	LQ25*
Welsh History	LVG2
Welsh Politics	L243*

## Joint honours degree schemes (continued)

**Psychology and**

Criminology \_\_\_\_\_ CM89

**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  
Film and Television Studies \_\_\_\_\_ RW46  
French \_\_\_\_\_ RR14  
German \_\_\_\_\_ RR24  
History \_\_\_\_\_ RV41  
International Politics \_\_\_\_\_ LRF4  
Marketing \_\_\_\_\_ NRS4  
Welsh \_\_\_\_\_ QR54\***Statistics and**Applied Mathematics \_\_\_\_\_ GG13  
Pure Mathematics \_\_\_\_\_ GGC3**Welsh and**Computer Science \_\_\_\_\_ M6P1  
Creative Writing \_\_\_\_\_ WQ85\*  
Drama and Theatre Studies \_\_\_\_\_ QW54\*  
Education \_\_\_\_\_ QX53\*  
English Literature \_\_\_\_\_ QQ35\*  
Film and Television Studies \_\_\_\_\_ QWM6\*  
Fine Art \_\_\_\_\_ WQ1N\*  
French \_\_\_\_\_ QR51\*  
Geography \_\_\_\_\_ LQ75\*  
German \_\_\_\_\_ QR52\*  
History \_\_\_\_\_ QV51\*  
International Politics \_\_\_\_\_ LQF5\*  
Mathematics \_\_\_\_\_ GQ15\*  
Politics \_\_\_\_\_ LQ25\*  
Spanish \_\_\_\_\_ QR54\*  
Welsh History \_\_\_\_\_ QVN1\***Welsh History and**Film and Television Studies \_\_\_\_\_ VW26\*  
Geography \_\_\_\_\_ LVT1\*  
History \_\_\_\_\_ WV12 + WV21\*  
Irish Language and Literature \_\_\_\_\_ QV52\*  
Politics \_\_\_\_\_ LVG2  
Welsh \_\_\_\_\_ QVN1\***Welsh Politics and**International Politics \_\_\_\_\_ L245\*  
Politics \_\_\_\_\_ L243\***Zoology and**

Microbiology \_\_\_\_\_ CC35

## Major/minor degree schemes

**Accounting and Finance with**Computer Science \_\_\_\_\_ N4G4  
Management \_\_\_\_\_ N4N2  
Marketing \_\_\_\_\_ N4N5  
Mathematics \_\_\_\_\_ N4G1  
Law \_\_\_\_\_ N4M1  
Statistics \_\_\_\_\_ N4G3**Art History with**

Fine Art \_\_\_\_\_ V3W1

**Business Economics with**

Computer Science \_\_\_\_\_ L1G4

**Business and Management with**Computer Science \_\_\_\_\_ N1G4  
Economic and Social History \_\_\_\_\_ N1V3  
German \_\_\_\_\_ N1R2  
International Politics \_\_\_\_\_ N1LF  
Law \_\_\_\_\_ N1M1  
Mathematics \_\_\_\_\_ N1G1  
Politics \_\_\_\_\_ N1L2  
Spanish \_\_\_\_\_ N1R4  
Welsh \_\_\_\_\_ N1Q5\***Economics with**Economic and Social History \_\_\_\_\_ L1V3  
Human Geography \_\_\_\_\_ L1L7  
International Politics \_\_\_\_\_ L1LF  
Law \_\_\_\_\_ L1M1  
Management \_\_\_\_\_ L1N2  
Mathematics \_\_\_\_\_ L1G1  
Politics \_\_\_\_\_ L1L2**Education with**History \_\_\_\_\_ X3V1  
Human Geography \_\_\_\_\_ X3L7  
Mathematics \_\_\_\_\_ X3G1  
Spanish \_\_\_\_\_ X3R4**Environmental Earth Science with**

Education \_\_\_\_\_ F6X3

**Fine Art with**

Art History \_\_\_\_\_ W1V3

**French with**German \_\_\_\_\_ R1R2  
Spanish \_\_\_\_\_ R1R4**German with**Business and Management \_\_\_\_\_ R2N1  
French \_\_\_\_\_ R2R1  
Spanish \_\_\_\_\_ R2R4**History with**

Education \_\_\_\_\_ V1X3

**Human Geography with**Business and Management \_\_\_\_\_ L7N1  
Economics \_\_\_\_\_ L7L1  
Education \_\_\_\_\_ L7X3  
International Politics (Major) \_\_\_\_\_ L240  
International Politics \_\_\_\_\_ L7L2  
Politics \_\_\_\_\_ L7LF**International Politics with**Economics \_\_\_\_\_ L2L1  
Law \_\_\_\_\_ L2M1**Law (BA) with**Business and Management \_\_\_\_\_ M1N1  
Criminology \_\_\_\_\_ M1M9  
Economics \_\_\_\_\_ M1L1  
French \_\_\_\_\_ M1RC  
German \_\_\_\_\_ M1RF  
International Politics \_\_\_\_\_ M1LF  
Mathematics \_\_\_\_\_ M1G1  
Politics \_\_\_\_\_ M1L2  
Spanish \_\_\_\_\_ M1RK  
Welsh \_\_\_\_\_ M1Q5**Law (LLB) with**French \_\_\_\_\_ M1R1  
German \_\_\_\_\_ M1R2  
Spanish \_\_\_\_\_ M1R4**Marketing with**Accounting and Finance \_\_\_\_\_ N5N4  
Law \_\_\_\_\_ N5M1  
Management \_\_\_\_\_ N5N2**Mathematics with**Accounting and Finance \_\_\_\_\_ G1N4  
Business and Management \_\_\_\_\_ G1N1  
Economics \_\_\_\_\_ G1L1  
Education \_\_\_\_\_ G1X3  
Physical Geography \_\_\_\_\_ G1F8**Modern Languages with**

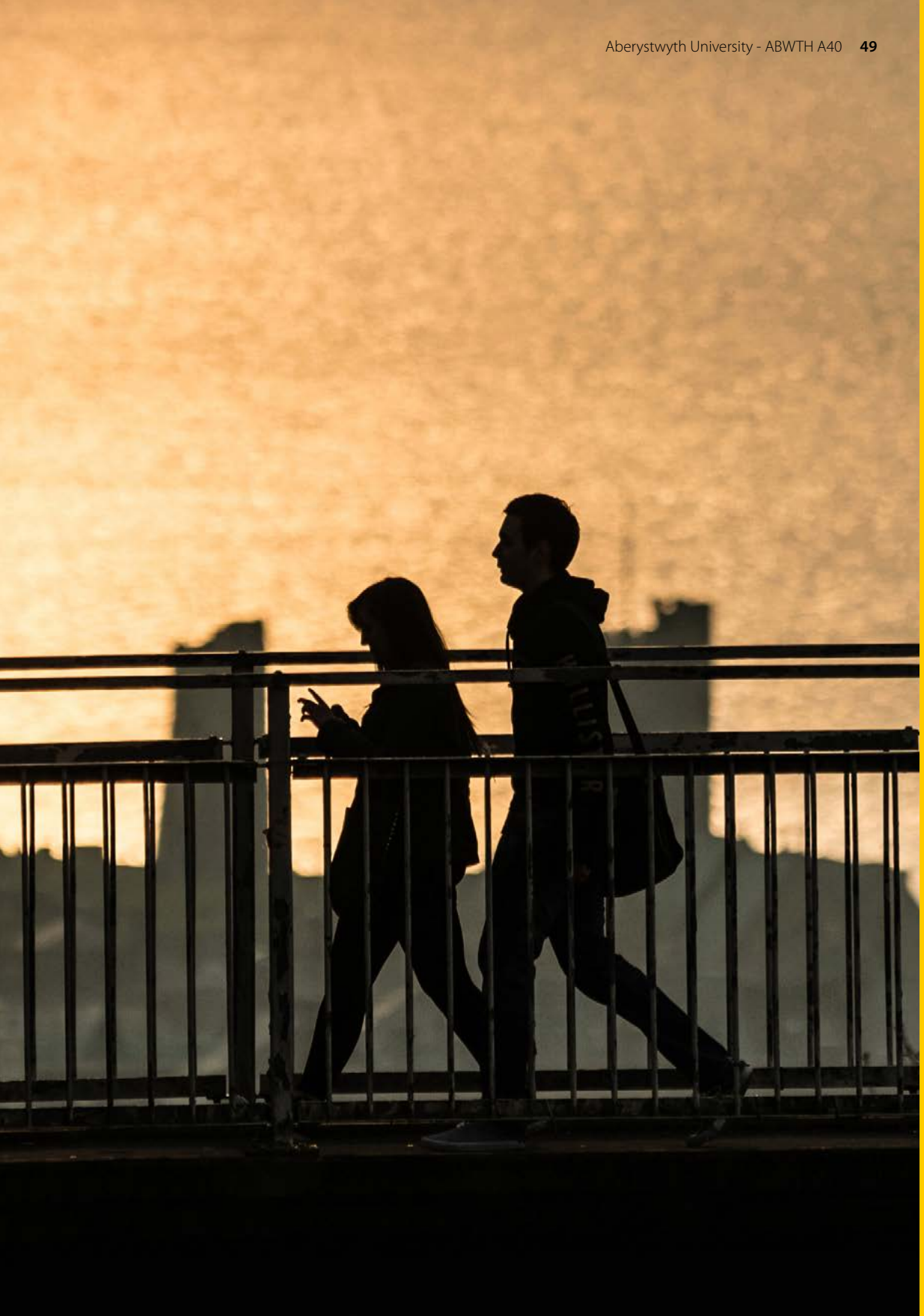
Business and Management \_\_\_\_\_ T9N1

**Physical Geography with**Education \_\_\_\_\_ F8X3  
Mathematics \_\_\_\_\_ F8G1  
Statistics \_\_\_\_\_ F8G3**Physics with**Business and Management \_\_\_\_\_ F3N1  
Education \_\_\_\_\_ F3X3**Politics with**

Law \_\_\_\_\_ L2MC

**Spanish with**Education \_\_\_\_\_ R4X3  
French \_\_\_\_\_ R4R1  
German \_\_\_\_\_ R4R2  
Marketing \_\_\_\_\_ R4N5**Welsh with**

Geography \_\_\_\_\_ Q5L7\*



*The bridge from the student village provides stunning views of the coast and town*

# School of Art

*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.*



<b>Art History</b>	<b>52</b>
<b>Creative Arts</b>	<b>53</b>
<b>Fine Art</b>	<b>54</b>

As well as an intellectually stimulating and personally rewarding study of fine art and art history, the School of Art offers a caring and friendly community of staff and students. A dedicated team of practicing artists, art historians and curators will assist you develop your learning potential and to apply your knowledge and skills. Well-equipped and newly refurbished, our elegant Grade II\* listed building, which has its own museum, galleries and art collections, is a fitting symbol of our aim in Fine Art to bridge traditional skills, new technologies and contemporary practice, and in Art History to combine critical and interdisciplinary thinking and theory with a vocation oriented, hands-on education. The School is also one of the few universities in Britain to offer joint honours schemes in Fine Art and Art History.

Our graduates are highly sought after, and over the years many have gone on to have very successful careers as art gallery managers and curators, children's book illustrators, photographers and graphic designers, art directors in publishing, medical illustrators, secondary school teachers, and higher education lecturers. Our graduates have gone on to exhibit at the National Portrait Gallery, the Mall Galleries, Marlborough Fine Art and the Royal Academy of Arts and been contracted to major publishers like Macmillan, Bloomsbury, Emslinger and Ashgate.

## **Facilities**

Apart from studios, print workshops, darkrooms, galleries and an iMac suite, the School has an important collection of fine and decorative art and archives housed and displayed within its own museum. It enjoys an international reputation for the quality of its teaching and research.

## **Our degree schemes**

As well as its focused, single-discipline degree schemes, the School of Art offers 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, multimedia (installation, digital art, video and sound) as well as a vocation-oriented, hands-on education in art history.

Our degree schemes are structured to permit both a specialised and interdisciplinary approach to fine art and art history, and may also be pursued in conjunction with other disciplines. Our flexible course structure allows you to postpone your final choice of degree scheme until the end of the first year.

## **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. This degree scheme emphasises the ability to conduct research, to investigate and analyse, and to articulate your ideas; and provides a general survey of the discipline as well as a specialised and in-depth study of specific topics.

At Aberystwyth the degree considers 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
- the study of art history in an art school/accredited museum environment where art is studied, practiced, curated and exhibited
- access to the School's internationally significant collection of some 20,000 original artworks

### Key Facts

**Degree type:** BA

**UCAS code:** V350

**Duration:** 3 years

**Entry requirements:** BBC with B in in any subject. See page 190

**IB:** 30

**Department:** School of Art

**Available with (joint honours and major):** Creative Writing, English Literature, Fine Art, French. See pg 46.

### Related courses:

Creative Arts p53

Fine Art p54

### Employability

Art history is interdisciplinary; it involves anthropology, sociology, philosophy, literature, history, as well as cultural and gender studies. As such, it promotes a critical thinking that has many practical applications today. It provides an excellent foundation for careers in academic research, teaching, information management, publishing, journalism and advertising, and in the administration and conservation of art.



## 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 the vibrant creative community that Aberystwyth enjoys. 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
- superb facilities, such as our internationally renowned Arts Centre and the nearby National Library of Wales, here at the cultural and creative centre of Wales

### Key Facts

**Degree type:** BA

**UCAS code:** WW48

**Duration:** 3 years

**Entry requirements:** BBC with B in any subject. See page 190

**IB:** 30

**Department:** School of Art

### Related courses:

Art History p52

Fine Art p54

Liberal Arts p155, p158

### Employability

By the end of your degree you will have not only a portfolio of exceptional creative material but also the skills and attributes to flourish in any workplace that demands creative thinking and critical creativity.

*Interdisciplinary studio practice event in collaboration with Ceredigion Museum*



## Fine Art

Fine Art requires training, creative intelligence, and a thorough knowledge of theory and practice, both present and past. At Aberystwyth we are dedicated to the development and innovative application of traditional skills, and we specialise in drawing, painting, book illustration, printmaking, photography and multimedia (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. All of our Fine Art schemes may be pursued with specialisation in painting, photography, book illustration, printmaking and multimedia or taken up more generally.

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

### Key Facts

**Degree type:** BA

**UCAS code:** W100

**Duration:** 3 years

**Entry requirements:** BBC with B in Art or appropriate subject, plus satisfactory portfolio. See page 190

**IB:** 30 with Higher Level Art plus satisfactory portfolio

**Department:** School of Art

**Available with (joint honours or major):** Art History, Creative Writing, Drama and Theatre Studies, Education, English Literature, Film and Television Studies, History, Irish Language and Literature, and Welsh. See pg 46.

### Related courses:

Art History p52  
Creative Arts p53

### Employability

The study of art encourages creative problem-solving skills, improves your ability to adapt in a changing world, and enhances your interpersonal skills. These assets are much sought after in today's job market as transferable skills. By combining traditional skills with new technologies, our courses aim to give you a competitive edge by broadening and enhancing your portfolio.



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

Agriculture	58, 82	Equine Science	69
Agriculture with Animal Science	59	Equine Studies	70, 84
Agriculture with Business Studies	60	Genetics	71
Animal Behaviour	61	Genetics and Biochemistry	72
Animal Science	62	Life Sciences	73
Biochemistry	63	Marine and Freshwater Biology	74
Biology	64, 80	Microbiology	75
Countryside Conservation	65	Plant Biology	76
Countryside Management	66	Sport and Exercise Science	77
Countryside Management and Conservation	83	Veterinary Biosciences	78
Ecology	67	Zoology	79, 81
Equine and Veterinary Bioscience	68		

The Institute of Biological, Environmental and Rural Sciences (IBERS) is a vibrant, internationally-recognised teaching and research centre that will provide an excellent base for your studies. Our staff investigate global challenges such as food security, health and well-being, bioenergy and sustainability, and the impacts of climate change, and conduct their research on a range of scales spanning genes and molecules, whole organisms, society, and the environment.

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 activities are supported by strategic research funding from the Biotechnology and Biological Sciences Research Council (BBSRC), and IBERS is a member 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. As such, IBERS students benefit from first-rate facilities.

Our students also enjoy a range of stunning, accessible natural habitats on their doorstep. There are three national parks, four national nature reserves, and a

Special Area of Conservation (SAC) all within easy reach of Aberystwyth. These marine, freshwater and terrestrial habitats are wonderful resources for ecological and environmental studies of plants and animals.

A wide range of topics are taught in the Institute...

### Agriculture courses

Aberystwyth has a long-established reputation throughout the farming world for its teaching and research in agriculture. Indeed 'land-based studies' have been taught here for over 140 years. Agriculture at Aberystwyth retains its position amongst the top 150 worldwide in the QS World University Rankings 2015.

The University farms, which are also managed commercially by the Institute, extend to over 1000 hectares (2500 acres). Trawsgoed Farm, around 10 miles east of Aberystwyth is home to the 450 cow commercial dairy herd plus followers, together with the specialist ruminant metabolism research unit. Plas Gogerddan farm close to Penglais campus is the main location for beef rearing and sheep production, including performance-recorded pedigree flocks that sell high genetic merit rams to commercial producers; as well as our high sugar grasses, oat and biofuel plant breeding programmes. We also have land at sites south

of Aberystwyth, which are used for supplying feeds for the main farm units and providing land for plant breeding purposes. There are also specialist research facilities (e.g. beef research unit, dairy production research unit, biofermentation research unit, sheep metabolism research unit, glasshouses, etc.) for both livestock and crop research.

Statistical results from the Farm Business Survey (FBS) in Wales are produced and published annually by IBERS on behalf of the Welsh Government. The survey incorporates financial and physical data from a representative sample of around 600 farms in Wales and provides regional, national and EU policy-makers and researchers with information on the economic conditions of different types and sizes of farms in Wales. It also provides farmers, farm advisers and others with comparative information essential for assessing the performance of individual farm units.

On the Agriculture degrees you have the opportunity to study a minimum of 40 credits a year through the medium of Welsh. This would make you eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships. There are also opportunities for undertaking your work experience in Welsh.

### Biological Sciences

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 countryside 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
- Computational Biological Laboratory with a custom-built robotic workstation
- Extensive range of growth rooms and glasshouses
- Facilities for DNA sequencing, metabolomics and proteomics
- Mass Spectrometry and Analytical Unit
- Museum of historic zoological and botanical specimens
- National Plant Phenomics Centre (NPPC)
- Plant Genetic Resources collections and databases
- Two research vessels to sample benthic and pelagic sub-tidal habitats
- Trophic Interaction Facility for modelling systems-level processes

You can study up to 40 credits through the medium of Welsh in biological sciences, and doing so would make you eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships. There are also opportunities for undertaking your environmental work experience in Welsh.

### Countryside and environmental courses

Aberystwyth University was one of the first to develop countryside courses and we have an outstanding reputation in the industry. Aberystwyth is a fantastic place to investigate all aspects of the countryside, being located in the heart of a beautiful and diverse landscape that provides the 'laboratory' for our courses. Indeed, with national parks, national nature reserves, a heritage coast and Special Areas of Conservation on our doorstep, you could not find a better place to study the countryside.

All of our BSc countryside courses allow you to study up to 40 credits a year through the medium of Welsh, which would make you eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships. There are also opportunities for undertaking work experience in Welsh.

### Equine courses

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, a dedicated equine research centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more. The equine teaching centre is also a British Horse Society 'Where to train' centre and so you can study for your BHS qualifications, from stage 1 to intermediate instructor, alongside your course, or just have lessons for fun.

### Sport and exercise science

Our highly experienced staff have worked with a number of organisations, teams and individuals on projects ranging from recreational athletes to those who have achieved success at European and world championship level. Our world-leading 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 2 and 3 dimensional analysis of movement, and force platforms and dynamometers allow measurement of forces. In physiology you will 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 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, and all weather pitch.



*Aberdovey and the Dovey Estuary, part of a UNESCO biosphere  
– just three miles from Aberystwyth*

## Agriculture

Agriculture is faced with the challenge 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. The study of agriculture, therefore, needs to look at the challenges facing livestock and crop management and how to get the best from an agricultural business by adopting best practices and incorporating the best of current research.

At Aberystwyth you will study a fascinating blend of science, technology and management, starting with a firm grounding in applied animal and crop science, agricultural technology, and business. You will then study all aspects of the agricultural industry including animal production, crop and grassland agronomy, the agri-environment, as well as farm business planning.

Specialist opportunities at Aberystwyth for Agriculture 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
- opportunity to complete a tutor-supported work experience year to develop skills and enhance career prospects

### Employability

The work experience on this course will greatly enhance your employability. Our graduates follow successful careers in many areas of agriculture and its related industries, including enterprise and farm management,

### Key Facts

**Degree type:** BSc

**UCAS code:** H21Y  
(D401 with year's work experience)

**Duration:** 3 years (D401 is 4 years)

**Entry requirements:** BCC  
with C in relevant science subject.  
See page 190

**IB:** 28 with 5 points in a relevant science at Higher Level

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

### Related courses:

Agriculture p82  
Agriculture with Animal Science p59  
Agriculture with Business Studies p60  
Life Sciences p73

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.**



# Agriculture with Animal Science

Agriculture with Animal Science gives students the opportunity to study the science, production, and management of livestock in greater depth. Aberystwyth is one of the longest-established centres in the UK with a world-class reputation for teaching and research in animal science and agriculture.

This scheme offers a solid grounding in agriculture with a strong specialism in animal science. Students on this scheme will develop a sound understanding of nutrition, reproductive physiology, animal health, animal breeding as well as emerging animal biotechnology.

Specialist opportunities at Aberystwyth for Agriculture and Animal Science include:

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

## Employability

The work experience opportunities on this course will greatly enhance your employability. Our graduates lead successful careers in many areas of agriculture and agricultural related industries, including livestock enterprise management, consultancy, animal health, welfare and nutrition and administrative, consultancy and sales careers with a wide range of agricultural supply companies.

## Key Facts

**Degree type:** BSc

**UCAS code:** 53C8

(D4D3 with year's work experience)

**Duration:** 3 years (D4D3 is 4 years)

**Entry requirements:** BCC

with C in relevant science subject.

See page 190

**IB:** 28 with 5 points in a relevant science at Higher Level

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

## Related courses:

Agriculture p58, p82

Agriculture with Business Studies p60

Life Sciences p73

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



*Picture by student Rowan Thomas, finalist in the IBERS 2014 photography competition 'On the farm' category*

## Agriculture with Business Studies

Changes in the agricultural industry's support mechanisms, and increasing pressures on farmers to modify their businesses or diversify as well as managing the environment, has made 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 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 Studies include:

- involvement of expert staff including 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:** D4N1  
(4D11 with year's work experience)

**Duration:** 3 years (4D11 is 4 years)

**Entry requirements:** BCC  
See page 190

**IB:** 28

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

### Related courses:

Agriculture p58, p82

Agriculture with Animal Science p59

Life Sciences p73

### Employability

The combination of knowledge and skills that this scheme offers is much sought after by agri-business employers and a number of 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

Why do animals do what they do? How do they do it? From hormones and nerve cells to inheritance and learning, ethology, the scientific study of the behaviour of animals, involves rigorous training and analysis and is rewarded with an insight into the way animals cope with their environment. The understanding of animal behaviour is also essential for the successful conservation and management of rare and endangered species, as well as being key to improving the welfare of captive and domestic animals.

At Aberystwyth, this degree will provide you with many opportunities to study the behaviour of a wide range of animals and settings, from vertebrates to invertebrates and from natural environments to zoos and captivity. The Institute has excellent aquaria, in which you can observe the behaviour of fish and aquatic invertebrates at close hand. The University's woodlands host over 200 nest boxes which allow breeding birds to be monitored, while the woodland is also home to a wide range of mammals including badgers, bats, woodmice and voles.

Students studying Animal Behaviour at Aberystwyth will enjoy:

- living on the edge of Cardigan Bay, home to the UK's largest residential bottlenose dolphin population, and you may spot seals and otters too
- the nearby Dovey Estuary, an important overwintering area for migratory birds which contains the RSPB Nature Reserve of Ynys Hir, now famous as a base for the BBC *Springwatch* programme. Some students attend teaching activities here and it is also a popular place to gain experience as a volunteer
- our innovative teaching that employs technology to enhance learning
- local volunteering opportunities like surveying the local pine martins, and we look forward to the proposed introduction of beavers

## Key Facts

**Degree type:** BSc

**UCAS code:** C120

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

## Related courses:

[Animal Science p62](#)

[Biology p64, p80](#)

[Ecology p67](#)

[Life Sciences p73](#)

[Marine and Freshwater Biology p74](#)

[Veterinary Biosciences p78](#)

[Zoology p79, p81](#)

## Employability

Graduates in Animal Behaviour are well-qualified for employment in environmental, conservation, research and environmental consultancy, ecology, conservation, as well as in careers already mentioned in our introduction to the biological sciences. 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.**

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



## Animal Science

Animal Science is the applied science of domesticated animals, including farm animals, horses and companion animals. At Aberystwyth, our degree offers vocationally relevant training, drawing on our acknowledged reputation as a centre of excellence in animal science research.

The scheme provides the flexibility to enable you to specialise in an area that meets your particular interests and career intentions. Following a first year in the foundations of the discipline, you will be able to specialise in either companion animals, livestock, or horses.

Specialist opportunities at Aberystwyth for Animal Science include:

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

### Employability

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, 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.**

### Key Facts

**Degree type:** BSc

**UCAS code:** D306

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61

Biochemistry p63

Biology p64, p80

Ecology p67

Equine and Veterinary Bioscience p68

Equine Science p69

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

Microbiology p75

Veterinary Biosciences p78

Zoology p79, p81



# Biochemistry

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 topics of modern 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 nurture both your intellectual curiosity and your general scientific practice. As you study, you will receive expert tuition in scientific protocol and hands-on lab work.

Specialist opportunities at Aberystwyth for Biochemistry 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

## Key Facts

**Degree type:** BSc

**UCAS code:** C700

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Chemistry. See page 190

**IB:** 30 with 5 points in Higher Level Chemistry

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

## Related courses:

Animal Behaviour p61

Animal Science p62

Biology p64, p80

Ecology p67

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

Marine and Freshwater Biology p74

Microbiology p75

Plant Biology p76

Veterinary Biosciences p78

Zoology p79, p81

## Employability

Graduates in Biochemistry are well-qualified for employment in medical, pharmaceutical, agricultural and food industries, and are also employed in hospital and other analytical laboratories. 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.**



# Biology

Biology is now 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 you will often be taught by leading figures in the field. 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 your knowledge and experimental skills but also to encourage critical and innovative thinking.

Specialist opportunities at Aberystwyth for Biology 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

### Employability

Biology graduates have a wide breadth and depth of knowledge and skills. Recent graduates have entered employment with education authorities, the Environment

### Key Facts

**Degree type:** BSc

**UCAS code:** C100

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61

Animal Science p62

Biochemistry p63

Biology p80

Ecology p67

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

Marine and Freshwater Biology p74

Microbiology p75

Plant Biology p76

Veterinary Biosciences p78

Zoology p79, p81

Agency, conservation organisations, pharmaceutical companies, the National Health Service, Sea Life Centres, public health laboratories, and the water industry, to give a few examples.

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



# Countryside Conservation

With the increasing pressures humans are placing upon the environment, the need for conservation has never been greater. Aberystwyth was one of the first universities in the UK to develop countryside courses. Our degree will provide you with the skills and knowledge required to pursue a rewarding career in landscape, wildlife and habitat conservation.

This stimulating course is an essential first-step to a career in conservation and is a good option for students interested in biological sciences who wish to pursue a career in the countryside. Those working in conservation need an in-depth knowledge of ecology, habitats and habitat management, species conservation and biodiversity. However, it is also essential that conservationists have an underpinning knowledge of allied subjects such as law, planning, recreation and landscape.

Specialist opportunities at Aberystwyth for Countryside Conservation include:

- located within beautiful and diverse countryside – mountains, moorlands, woodlands, estuaries, dunes and lakes
- national parks, National Nature Reserves (NNR's), countryside visitor attractions and Special Areas of Conservation (SAC's) within easy reach
- regular contact with countryside conservation organisations such as the RSPB and Natural Resources Wales through visits and talks
- study tours in Britain and abroad

## Key Facts

**Degree type:** BSc

**UCAS code:** D447

**Duration:** 3 years

**Entry requirements:** BCC with C in a relevant science subject. See page 190

**IB:** 28 with 5 points in relevant Higher Level Science

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

## Related courses:

Countryside Management p66

Countryside Management and Conservation p83  
Life Sciences p73

## Employability

Graduates from this course have had little difficulty in finding employment in the conservation area. Many of our graduates are now employed as conservation officers, ornithological researchers and as wildlife rangers and wardens; in organisations including wildlife trusts, the RSPB, Natural Resources Wales, Natural England, the Forestry Commission, local authorities and national parks. The mixture of theory and practice that this stimulating course provides makes this an ideal gateway into a career in conservation.

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



*Surveying small mammal populations*

# Countryside Management

If you want a career working for organisations such as the National Trust or national parks, then this is the course for you. You will gain a detailed understanding of how the countryside works and how it can be managed to maximise the benefits to wildlife, habitats, farmers and recreational users.

This vocational degree course will give you specialist skills and knowledge in a wide range of subject matter including countryside recreation, habitat management, species conservation, visitor management, environmental education, landscape and planning.

Specialist opportunities at Aberystwyth for Countryside Management include:

- beautiful and diverse local countryside including mountains, moorlands, woodlands, estuaries, dunes and lakes
- national parks, National Nature Reserves (NNR's), countryside visitor attractions and Special Areas of Conservation (SAC's) within easy reach
- regular contact with countryside management organisations through visits and talks
- teaching delivered by experts in their field

## Key Facts

**Degree type:** BSc

**UCAS code:** D455

**Duration:** 3 years

**Entry requirements:** BCC with C in a relevant science subject. See page 190

**IB:** 28 with 5 points in relevant Higher Level science

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

## Related courses:

[Countryside Conservation p65](#)

[Countryside Management and Conservation p83](#)  
[Life Sciences p73](#)

## Employability

Some of our graduates are employed as countryside rangers and wardens, access officers, conservation officers and environmental interpreters and educators. Organisations employing such staff include national parks, the National Trust, 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. The mixture of theory and practice that this stimulating course provides makes it an ideal gateway into a career in countryside management.

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

*Discussing site management and interpretation on a visit to Lake Vyrnwy*



## Ecology

Ecology is the study of how organisms interact with each other and with the environment. Such knowledge underpins our understanding of how wildlife and biodiversity respond to both current and future environmental threats, including climate change and habitat destruction. It also provides us with an insight into the way the natural world operates.

Training ecologists is a high priority given the urgent need to document and help understand (and prevent) the decline and losses of biodiversity. At Aberystwyth we have responded to the environmental challenges by developing an Ecology degree that is current, innovative, relevant and geared towards the high calibre student that wants to make a difference.

Specialist opportunities at Aberystwyth for Ecology include:

- 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, RSPB and various wildlife and woodland trusts

### Employability

Our Ecology graduates are well-qualified to find jobs and research posts in conservation and environmental protection. The breadth of the course also presents a sound basis for a career in teaching, either in schools and colleges or in field centres. Some of our graduates have

### Key Facts

**Degree type:** BSc

**UCAS code:** C180

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology.  
See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61  
 Animal Science p62  
 Biochemistry p63  
 Biology p64, p80  
 Genetics p71  
 Life Sciences p73  
 Marine and Freshwater Biology p74  
 Microbiology p75  
 Plant Biology p76  
 Veterinary Biosciences p78  
 Zoology p79, p81

secured employment in organisations such as DEFRA, the Environment Agency, Natural Resources Wales, Natural England, ADAS, Forestry Commission, Scottish Wildlife Trust, the Wales Environment Link, the National Grid, and Severn Trent Water.

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



## Equine and Veterinary Bioscience

Equine and Veterinary Bioscience at Aberystwyth is the only course of its kind in the UK. The degree provides a comprehensive understanding of aspects of veterinary medicine of a range of species, with an emphasis on physiology, breeding and nutrition for the horse.

By providing scientific and technical training, the scheme will both prepare you for a professional career in the equine industry, and equip you with many of the analytical skills you'll need to pursue careers such as veterinary laboratory diagnostician, nutritionist or welfare inspector.

Specialist opportunities at Aberystwyth for Equine and Veterinary Bioscience include:

- Aberystwyth is the longest established provider of equine courses in the UK, starting in the 1970s
- superb facilities, including a large equine teaching centre, a dedicated equine research centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more.
- the equine teaching centre is a British Horse Society 'Where to train' centre and so you can study for your BHS qualifications, from stage 1, alongside your course
- teaching and learning supported by international researchers

### Key Facts

**Degree type:** BSc

**UCAS code:** D334

**Duration:** 3 years

**Entry requirements:** BBB-ABB with B in Biology or Human Biology. See page 190

**IB:** 32 with 5 points in Higher Level Biology or Chemistry

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

### Related courses:

[Animal Behaviour](#) p61

[Animal Science](#) p62

[Equine Science](#) p69

[Equine Studies](#) p70, p84

[Life Sciences](#) p73

[Veterinary Biosciences](#) p78

[Zoology](#) p79, p81

### Employability

The broad scientific foundation which this scheme provides will prepare you for a wide range of career opportunities in equine and animal science, welfare, 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.**



## Equine Science

Equine Science focuses in particular on physiology, breeding and reproduction, nutrition and performance physiology as well as the management of the horse. By providing scientific and technical training, this degree at Aberystwyth will prepare you for a professional career in the equine industry and its allied services.

The scheme has a strong base of equine and biological sciences combined with more applied aspects relating to equine management practice. You will study topics such as physiology, genetics and metabolism, equine anatomy, equine exercise physiology and the equine industry, nutrition, and reproductive physiology. The final year aims to complete the process of integrating scientific principles with equine management practice.

Specialist opportunities at Aberystwyth for Equine Science include:

- Aberystwyth is the longest established provider of equine courses in the UK, starting in the 1970s
- superb facilities, including a large equine teaching centre, a dedicated equine research centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- the equine teaching centre is a British Horse Society 'Where to train' centre and so you can study for your BHS qualifications, from stage 1 alongside your course
- teaching and learning supported by international researchers

### Key Facts

**Degree type:** BSc

**UCAS code:** D322

**Duration:** 3 years

**Entry requirements:** BCC-BBC with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in relevant Higher Level Biology or Chemistry

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

### Related courses:

Animal Behaviour p61

Animal Science p62

Equine and Veterinary Bioscience p68

Equine Studies p70, p84

Life Sciences p73

Zoology p79, p81

### Employability

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, enterprise management and education, in the UK and overseas.

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



## Equine Studies (top-up scheme)

This top-up scheme equips you for the management and supervision of equine enterprises in the UK and abroad, and for a wide range of advisory, commercial and educational work in the equine and rural sector. The business management skills acquired are also readily transferable to other sectors of commerce and industry.

You will study topics including equine exercise physiology, equine stud management, animal breeding, advanced equine nutrition and equine marketing and business management.

Specialist opportunities at Aberystwyth for Equine Science include:

- Aberystwyth is the longest established provider of equine courses in the UK, starting in the 1970s
- superb facilities, including a large equine teaching centre, a dedicated equine research centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- the equine teaching centre is a British Horse Society 'Where to train' centre and so you can study for your BHS qualifications, from stage 1 alongside your course

### Employability

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.**

### Key Facts

**Degree type:** BSc

**UCAS code:** D325

**Duration:** 1 year top-up scheme

**Entry requirements:** Pass in an appropriate Foundation Degree with overall grade of Merit or above

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



## Genetics

Almost every day there is a report in the media of a new advance or controversy involving genetics. These include genetically modified organisms (GMOs), the conservation of genetic diversity, forensic DNA profiling, the isolation and characterisation of genes involved in human disease, and stem cell research. The study of genetics has moved from the seminal discovery by Mendel of the inheritance of genetic material, to the cutting edge analysis of the complete genome sequences of many organisms including humans.

At Aberystwyth, we are keen that our genetics graduates should be able to comment in an informed way on topical issues relating to genetics. To achieve this, the course has been carefully developed to cover both the fundamentals of inheritance and the frontiers of modern genetics, such as functional genomics and bioinformatics. Since genes are necessary for all living organisms, genetics impinges on many subject areas. By careful selection of optional modules you can specialise in topics as different as conservation and biotechnology.

Specialist opportunities at Aberystwyth for Genetics 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

### Key Facts

**Degree type:** BSc

**UCAS code:** C400

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61

Animal Science p62

Biochemistry p63

Biology p64, p80

Ecology p67

Genetics and Biochemistry p72

Life Sciences p73

Marine and Freshwater Biology p74

Microbiology p75

Plant Biology p76

Veterinary Biosciences p78

Zoology p79, p81

### Employability

Our Genetics degree will provide you with the skills to take up many careers in healthcare, industry and in universities, including biotechnology and 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 this 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 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

## Key Facts

**Degree type:** BSc

**UCAS code:** CC47

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Chemistry. See page 190

**IB:** 30 with 5 points in relevant Higher Level Chemistry

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

## Related courses:

[Animal Behaviour](#) p61

[Animal Science](#) p62

[Biochemistry](#) p63

[Biology](#) p64, p80

[Ecology](#) p67

[Genetics and Biochemistry](#) p72

[Life Sciences](#) p73

[Marine and Freshwater Biology](#) p74

[Microbiology](#) p75

[Plant Biology](#) p76

[Veterinary Biosciences](#) p78

[Zoology](#) p79, p81

## Employability

This scheme offers you an avenue into employment in the growth areas of biomedicine, forensic science, DNA profiling (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 also leads to 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 degree is specifically designed to provide you with an alternative route into higher education to study one of our biological sciences degrees if you are qualified to enter higher education but have not attempted 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.

You will start the Life Sciences scheme with a foundation year which is taught by staff within the Institute of Biological, Environmental and Rural Sciences. It consists of a fully integrated programme of lectures, practicals, workshops and tutorials in biology and associated subjects. This combination will provide you with a wide range of knowledge and fundamental skills in biology and related sciences.

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.

### Employability

The Life Sciences degree opens up 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

**Entry requirements:** 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 p61

Animal Science p62

Biochemistry p63

Ecology p67

Equine and Veterinary Bioscience p68

Equine Science p69

Genetics p71

Genetics and Biochemistry p72

Marine and Freshwater Biology p74

Microbiology p75

Plant Biology p76

Veterinary Biosciences p78

Zoology p79, p81

*Fieldtrip to nearby Ynysgir Nature Reserve*



# Marine and Freshwater Biology

Aquatic habitats have long held a fascination for biologists. The beauty and diversity of marine, freshwater and brackish water environments is unrivalled and as such, these complex ecosystems present intriguing challenges to ecologists, physiologists and taxonomists. At the same time, aquatic habitats are heavily exploited and our coastal waters, lakes and rivers have high recreation and conservation value.

Situated on the coast of Cardigan Bay with a hinterland rich in rivers, streams and lakes, Aberystwyth is an ideal location for the study of Marine and Freshwater Biology. Accessible habitats range from mountain streams bearing salmon and trout and providing unique habitats for freshwater invertebrates, through estuaries of international importance, to an inshore bay which is home to the largest residential population of bottlenose dolphins in the UK.

Specialist opportunities at Aberystwyth for Marine and Freshwater Biology include:

- aquarium systems for marine and freshwater organisms
- two research vessels to sample benthic and pelagic subtidal habitats
- participation in two residential field courses, each focused on either marine or freshwater biology

### Employability

Marine and Freshwater Biology graduates are equipped with the skills and knowledge to enter a wide range of careers including ecological consultancy, environmental management and conservation, teaching and scientific journalism. This scheme also frequently leads to postgraduate research at Masters and PhD level.

### Key Facts

**Degree type:** BSc

**UCAS code:** C164

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61  
 Animal Science p62  
 Biochemistry p63  
 Biology p64, p80  
 Ecology p67  
 Genetics p71  
 Life Sciences p73  
 Microbiology p75  
 Plant Biology p76  
 Veterinary Biosciences p78  
 Zoology p79, p81

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



*Students conducting fieldwork on the wave-cut platform in front of our Old College building*

# 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.

Our Microbiology degree at Aberystwyth explores the molecular and physiological aspects of microbes in the wide variety of clinical and environmental niches that they occupy. You will develop a sound knowledge and understanding of the biological sciences. You will then specialise increasingly in microbiology and related topics.

Specialist opportunities at Aberystwyth for Microbiology 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

## Employability

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

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

## Related courses:

Animal Behaviour p61

Animal Science p62

Biochemistry p63

Biology p64, p80

Ecology p67

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

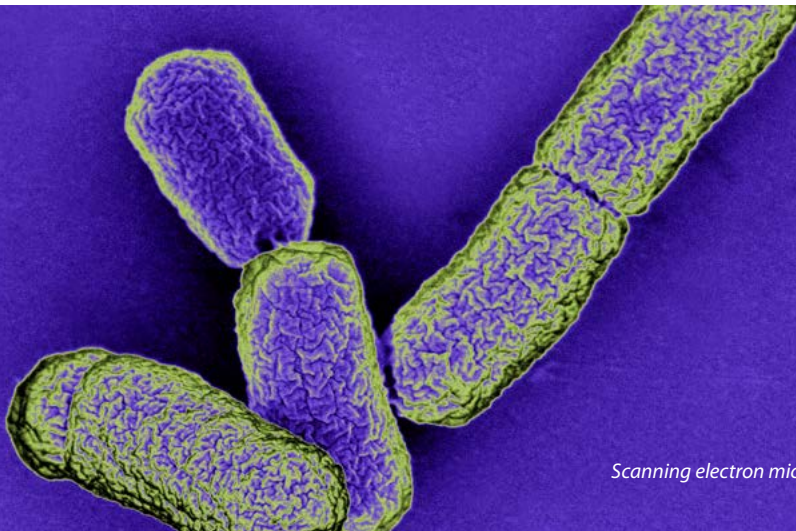
Marine and Freshwater Biology p74

Plant Biology p76

Veterinary Biosciences p78

Zoology p79, p81

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



Scanning electron micrograph of bacteria

## Plant Biology

Plants provide an essential foundation for life on earth, the food we eat and the beauty of the natural environment. At Aberystwyth our degree enables you to study all aspects of plant life, from the molecular to the landscape levels. It examines global issues relating to plants, including their importance as habitats for wildlife, and their role in terms of global climate change and its impacts. It also considers how plant-based technologies can help us face the challenge of a growing human population and future threats to food and energy security.

During the degree you will have many opportunities for fieldwork in the area, and there may be the possibility of studying the flora of the Swedish Arctic and Borneo later in the programme .

Specialist opportunities at Aberystwyth for Plant Biology include:

- world-class facilities including botany gardens with a wide range of temperate and tropical plants, 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

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61

Animal Science p62

Biochemistry p63

Biology p64, p80

Ecology p67

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

Marine and Freshwater Biology p74

Microbiology p75

Veterinary Biosciences p78

Zoology p79, p81

### Employability

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.**



# Sport and Exercise Science

Sport and Exercise Science concerns the scientific analysis of how the human body moves, exercises and performs sport, with the aim to improve human health and function, prevent disease or injury, or increase athletic performance. It explores the sciences of biomechanics, physiology and psychology to provide theoretical knowledge, and then applies this knowledge to practical situations.

The degree at Aberystwyth offers a strong education in science along with the application of knowledge to real-life situations. You will study the psychological, physiological and biomechanical bases of sport and exercise and develop an understanding of how these are important in optimising the training regime of sports competitors and exercise participants. The degree prepares you to support athletes, promote physical activity and health and deliver exercise programmes as well as developing your research, data analysis, personal and employability skills.

Specialist opportunities at Aberystwyth for Sport and Exercise Science include:

- ready access to a wide range of sports and facilities, and naturally provided facilities include the renowned mountain biking tracks nearby at Nant yr Arian, our excellent beaches and mountains to mention a few
- access to the laboratories within the Carwyn James Building, a purpose-built facility with state-of-the-art equipment for the physiological, biomechanical and psychological analysis of sport performance and exercise participation
- laboratories that are accredited by the British Association of Sport and Exercise Science (BASES), which means that the laboratories and teaching facilities within the Carwyn James Building meet industry standards and requirements, giving you a head start when you enter the competitive jobs market

## Key Facts

**Degree type:** BSc

**UCAS code:** C600

**Duration:** 3 years

**Entry requirements:** BBC  
See page 190

**IB:** 28

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

## Related courses:

Biochemistry p63

Biology p64, p80

Genetics p71

Genetics and Biochemistry p72

Microbiology p75

## Employability

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.

*A sport science study capturing the difference between running barefoot and running in shoes or trainers. Digital video cameras and markers on the body allow data to be catalogued and compared between several different runners (timed motion capture).*



## 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. At Aberystwyth, you will combine modern molecular, cellular and physiological aspects to understand the biology of farm animals, pets, horses and wild animals.

Our degree scheme is aimed at students who wish to develop specialist knowledge in veterinary sciences within a broad biological context. Within the animal health sector there are many major challenges such as drug resistant pathogen evolution, the effects of intensified farming and the care of aging companion animals. All of these topics require an understanding of an animal's biology at multiple levels. On this scheme, you will learn the concepts and techniques that are being used to address these big challenges in veterinary research.

Specialist opportunities at Aberystwyth for Veterinary Biosciences include:

- teaching from trained veterinary surgeons and world-class veterinary researchers utilising world-class laboratories, equine centre and farms
- successful completion of this degree provides opportunities to progress into a range of veterinary careers including veterinary science degree programs

### Employability

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

### Key Facts

**Degree type:** BSc

**UCAS code:** D906

**Duration:** 3 years

**Entry requirements:** BBB-ABB with B in Biology or Human Biology.  
See page 190

**IB:** 32 with 5 points in Higher Level Biology

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

### Related courses:

Animal Behaviour p61

Animal Science p62

Biology p64, p80

Equine and Veterinary Bioscience p68

Equine Science p69

Genetics p71

Genetics and Biochemistry p72

Life Sciences p73

Marine and Freshwater Biology p74

Microbiology p75

Zoology p79, p81

research, civil service, charity advocacy, teaching, as well as research in the pharmaceutical and agricultural industry. In addition to their scientific knowledge, graduates will have developed critical analysis, computing, communication and numerical skills which will give them the flexibility to pursue careers in, or outside, science.

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



# Zoology

Zoology is the study of animals, covering everything from the smallest parasitic worms, through the ubiquitous and diverse insects, to the majestic great whales. Humans share this planet with millions of other animal species, but our activities, including effects on climate, are transforming natural habitats. Students of zoology study animal diversity, evolution, behaviour, anatomy and ecology to find out how animals live and adapt to their environment.

At Aberystwyth, our students benefit from the unique biodiversity of west Wales. An extensive array of coastlines, estuaries, woodlands, and hills provides exceptional habitats for wildlife. The surrounding area supports rare insects, wildfowl, waders, red kite and chough. Cardigan Bay is renowned for its seabird populations, and mammals such as grey seals, bottlenose dolphins and harbour porpoises.

Specialist opportunities at Aberystwyth for Zoology 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 Aberystwyth area
- application of molecular techniques including DNA extraction, sequencing and analysis

## Employability

Trained zoologists are needed to conserve animal life, to understand parasitic diseases of animals and humans and to control economically important pests. Aberystwyth Zoology graduates have also developed exciting career paths with a wide range of employers including zoos, education authorities, conservation and animal welfare organisations, the Natural Environment Research Council, wildlife documentary producers, and the Veterinary

## Key Facts

**Degree type:** BSc

**UCAS code:** C300

**Duration:** 3 years

**Entry requirements:** BBC-BBB with B in Biology or Human Biology. See page 190

**IB:** 30 with 5 points in relevant Higher Level Biology

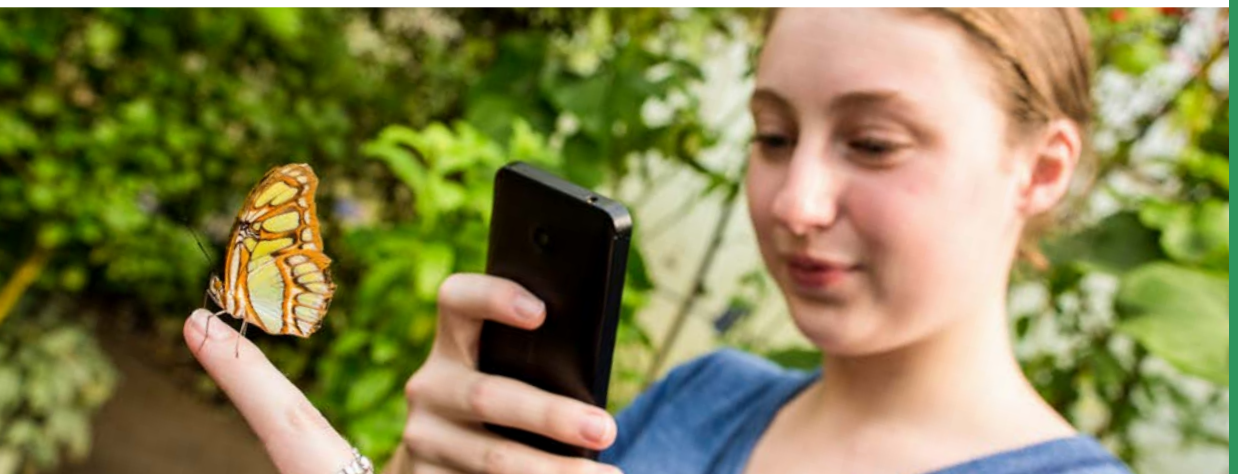
**Department:** Institute of Biological, Environmental and Rural Sciences (IBERS)

## Related courses:

Animal Behaviour p61  
 Animal Science p62  
 Biochemistry p63  
 Biology p64, p80  
 Ecology p67  
 Genetics p71  
 Life Sciences p73  
 Marine and Freshwater Biology p74  
 Microbiology p75  
 Plant Biology p76  
 Veterinary Biosciences p78  
 Zoology p81

Laboratory Agency. Some graduates have continued into veterinary school.

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



## Biology (MBiol)

Biology is now making an ever greater impact on our day-to-day lives, leading to real improvements in our health and well-being 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.

On the MBiol (Biology) degree you would extend your studies beyond the level of Bachelor's Honours to postgraduate level, in order to develop the breadth and depth of knowledge that you will need to pursue a career as a professional research scientist. The fourth year of this course gives you the opportunity to apply your knowledge and understanding of your chosen subject to a major dissertation research project, whilst you also study taught modules that develop essential skills required by today's professional research scientists.

Specialist opportunities at Aberystwyth for MBiol Biology students include:

- application of molecular techniques including DNA extraction, sequencing and analysis
- aquarium systems for marine and freshwater organisms
- 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
- work on your Masters project embedded within one of several pioneering research groups

### Key Facts

**Degree type:** MBiol

**UCAS code:** C109

**Duration:** 4 years

**Entry requirements:** BBB-ABB with B in Biology or Human Biology. See page 190

**IB:** 36 with 6 points in Higher Level Biology

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

### 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 p46

### Related courses:

[Biology p64](#)

[Marine and Freshwater Biology p74](#)

[Plant Biology p76](#)

[Zoology p79, p81](#)

### Employability

This degree has been 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.



## Zoology (MBiol)

Zoology is the study of animals, covering everything from the smallest parasitic worms, through the ubiquitous and diverse insects, to the majestic great whales. Humans share this planet with millions of other animal species, but our activities, including effects on climate, are transforming natural habitats. Students of zoology study animal diversity, evolution, behaviour, anatomy and ecology to find out how animals live and adapt to their environment.

On the MBiol (Zoology) degree you would extend your studies beyond the level of Bachelor's Honours to postgraduate level, in order to develop the breadth and depth of knowledge that you will need to pursue a career as a professional research scientist. The Masters-level fourth year of this course gives you the opportunity to apply your knowledge and understanding of your chosen subject to a major dissertation research project, whilst you also study taught modules that develop essential skills required by today's professional research scientists.

Specialist opportunities at Aberystwyth for MBiol Zoology students include:

- a range of internationally important habitats and species within the Aberystwyth area
- 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
- work on your Masters project embedded within one of several pioneering research groups

### Key Facts

**Degree type:** MBiol

**UCAS code:** C309

**Duration:** 4 years

**Entry requirements:** BBB-ABB with B in Biology or Human Biology. See page 190

**IB:** 36 with 6 points in relevant Higher Level Biology

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

### 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 p46

### Related courses:

[Biology p80](#)

[Marine and Freshwater Biology p74](#)

[Zoology p79](#)

### Employability

This degree has been created to meet the increasing demand for suitably qualified personal 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.



## Agriculture (Foundation)

Agriculture is an industry that emphasises vocational as well as an academic knowledge of production from both livestock and crop enterprises. Using real-life scenarios students will 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.

This degree offers an opportunity for those who wish to train as managers of agricultural enterprises, and an opportunity for those who wish to retrain and pursue a future career in agriculture. Students may progress from the foundation degree onto one of our agriculture honours degree schemes.

Specialist opportunities at Aberystwyth for Agriculture students include:

- an integral assessed period of work experience of either 8 weeks on D402, or 9 months on D403. The nine 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 9 months on work experience)

**Duration:** 2 years (D403 is 3 years)

**Entry requirements:** CC-DDD  
See page 190

**IB:** 24

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

Foundation

These degrees provide another entry route onto a bachelors degree – p46

### Related courses:

[Agriculture p58](#)

[Agriculture with Animal Science p59](#)

[Agriculture with Business Studies p60](#)

### Employability

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

**Upon successful completion of this degree, you may progress onto the third year of one of our Agriculture honours degree schemes provided you have met the required entry qualifications.**



# Countryside Management and Conservation (Foundation)

This vocational course will provide you with the knowledge, skills and experience you need to gain work in the countryside management and conservation industries. You will study a broad range of subject matter including, countryside recreation and visitor management, habitat, species, landscape and site management.

You will learn practical skills in the field and have the opportunity to gain work experience, either taking the course in two years with six weeks of work experience, or in three years with nine months of work experience.

Specialist opportunities at Aberystwyth for Countryside Management and Conservation 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
- integrated study tours in the first and second years of study

## Employability

Our graduates have gone on to employment in roles such 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,

## Key Facts

**Degree type:** Foundation

**UCAS code:** D440 (D4C1 with 9 months on work experience)

**Duration:** 2 years (D4C1 is 3 years)

**Entry requirements:** CC-DDD  
See page 190

**IB:** 24

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

Foundation

These degrees provide another entry route onto a bachelors degree – p46

## Related courses:

[Countryside Conservation p65](#)

[Countryside Management p66](#)

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 countryside or conservation management career.

**Upon successful completion of this degree, you may progress onto the final year of BSc Countryside Management or BSc Countryside Conservation providing you have met the required entry qualifications.**

*Countryside 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 sector. 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 base to underpin your career in the equine industry. Work experience is an assessed component of the course, giving you a firsthand opportunity to apply theory in a practical context.

Specialist opportunities at Aberystwyth for Equine Studies include:

- Aberystwyth is the longest established provider of equine courses in the UK, starting in the 1970s
- superb facilities, including a large equine teaching centre, a dedicated equine research centre, indoor and outdoor arenas, horse walker, round pen, weigh bridge, stables and foaling boxes with CCTV, demonstration areas, laboratories and much more
- the equine teaching centre is a British Horse Society 'Where to train' centre and so you can study for your BHS qualifications, from stage 1 alongside your course

### Key Facts

**Degree type:** Foundation

**UCAS code:** D324

**Duration:** 2 years

**Entry requirements:** CC-DDD

See page 190

**IB:** 24

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

Foundation

These degrees provide another entry route onto a bachelors degree – p46

### Related courses:

[Animal Behaviour](#) p61

[Animal Science](#) p62

[Equine and Veterinary Bioscience](#) p68

[Equine Science](#) p69

[Equine Studies](#) p70

### Employability

This course provides you with an excellent start to a career in the management of equine centres, such as studs, competition and racing stables or allied equine enterprises.

**Successful completion of this degree at merit level or above will enable you to progress onto BSc Equine Studies (1-year follow on course), or to the second year of BSc Equine Science.**



# Department of Computer Science



<b>Artificial Intelligence and Robotics</b>	<b>86</b>
<b>Business Information Technology</b>	<b>87</b>
<b>Computer Graphics, Vision and Games</b>	<b>88</b>
<b>Computer Science</b>	<b>89</b>
<b>Computer Science and Artificial Intelligence</b>	<b>90</b>
<b>Data Science</b>	<b>91</b>
<b>Internet Computing and Systems Administration</b>	<b>92</b>
<b>Software Engineering</b>	<b>93, 95</b>
<b>Systems and Control Engineering</b>	<b>94</b>

We are one of the longest established departments of computer science in the UK, and have built up a reputation amongst employers for producing a very high standard of graduates. Computer science is also a community; our staff and students are proud to be part of such an internationally high achieving organisation which has for the whole of its existence punched beyond its weight in fields such as Artificial Intelligence, robotics, space science, bioinformatics, vision and software engineering.

Our Department produced more world-leading and internationally excellent research than any other university in Wales, according to the Research Excellence Framework (REF) 2014. The Department also ranked 11th in the UK and first in Wales for research intensity, in a Times Higher Education based analysis of the REF. This means that you will be taught by lecturers at the forefront of computer science who are part of research teams that consistently produce ground-breaking results.

We also have strong links with major international companies. Our graduates work all over the world, and we have hosted the annual iOSDevUK for five years, where hundreds of iPhone programmers from around the globe gather at Aberystwyth to hear world experts on building software for iPhone and Apple Watch.

## Facilities

Our Department is equipped with state-of-the-art, cutting edge technology, that includes two teaching laboratories

with high-performance multimedia workstations supported by powerful central servers, a digital systems laboratory, and you will have access to an iMac suite and research equipment including mobile robots, sailing robots and manipulator arms, vision and motion-tracking systems. Also there are about 700 PCs located throughout the campus, including our own building, the main library, and the student halls of residence. All are connected to the Internet and many are open 24 hours a day.

## The year in employment

For students on the BEng and MEng schemes, a year in employment is a compulsory part of the degree. All other single honours students may elect to take a year in employment, 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 (see page 44). There are also opportunities for undertaking your industrial year placement in Welsh.

## Our degree schemes

All of our single honours schemes are accredited by the BCS (The Chartered Institute for IT) on behalf of the Engineering Council. The first year of our degree schemes provides you with a common foundation, whether you've studied computing before or not. Programming languages, 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.

# Artificial Intelligence and Robotics

Artificial intelligence and robotics are linked by the desire to create artificial systems, and this has increasingly been commercialised by industry. Specific examples of current and emerging applications include home robots (both for fun and as assistants to those with special needs), intelligent industrial robotics, agent based supply chain management systems, and medical robotics.

At Aberystwyth we offer you a sound grounding in the underlying technologies, as well as vocational skills. The degree will give you a firm foundation in programming, operating systems, software design and computer architecture; and you'll also specialise in the theory of artificial intelligence and robotics, the development of practical applications, and exposure to the tools that assist development.

Specialist opportunities at Aberystwyth for Artificial Intelligence and Robotics students include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems
- modules on artificial intelligence concepts and tools, and on intelligent and space robotics

## Key Facts

**Degree type:** BSc

**UCAS code:** GH76  
(GH7P with year's work experience)

**Duration:** 3 years (GH7P is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

## Related courses:

Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Software Engineering p93, p95  
Systems and Control Engineering p94

## Employability

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



# Business Information Technology

Business information technology concerns methods and technologies that can be used to create effective IT systems as solutions to business problems. In the past this demanded a strong emphasis on programming, but technological advances mean that we can now use pre-existing tools to build effective applications with minimal programming. This enables a clear focus on business needs and on the process of building business applications.

At Aberystwyth, the degree emphasises analysing business requirements and translating them into business systems made from standard software building blocks.

Specialist opportunities at Aberystwyth for Business Information Technology include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- modules on business processes, building websites, HCI, and e-commerce

## Key Facts

**Degree type:** BSc

**UCAS code:** G500  
(G501 with work experience)

**Duration:** 3 years (G501 is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Software Engineering p93, p95  
Systems and Control Engineering p94

## Employability

Our graduates have a good understanding of the demands of the commercial world for computer systems and a professional approach to building those systems from standard database, web and office components. The scheme will provide an advantage when applying for jobs involving building 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.



# Computer Graphics, Vision and Games

Computer vision, image processing, graphics, games and data visualisation have become significant areas within computer science. 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 lecturers have been active in all of these areas. Our degree offers a sound grounding in the underlying technologies as well as vocational skills that include programming, operating systems, software design, information search and query, data analysis and classification, and intelligent decision-making.

Specialist opportunities at Aberystwyth for Computer Graphics, Vision and Games include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems
- access to lecturing staff who are all active in research and specialise in the areas

## Key Facts

**Degree type:** BSc

**UCAS code:** G450  
(G451 with work experience)

**Duration:** 3 years (G451 is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Software Engineering p93, p95  
Systems and Control Engineering p94

## Employability

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



# Computer Science

Computer Science includes the study of programming, computer operating systems, software design, and the engineering of large software systems. Computer Science at Aberystwyth emphasises vocational and professional skills. It is the Department's most flexible degree, and provides the core modules expected of any computer science student.

On this degree you may have the opportunity to acquire specialist skills such as software engineering, graphics and visualisation, artificial intelligence, robotics, telematics, mobile computing and open source computing.

Specialist opportunities at Aberystwyth for Computer Science include:

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

## Employability

Our graduates and industrial year students are eagerly sought by employers. Employers employing our graduates include: 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 work experience)

**Duration:** 3 years (G401 is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

**Available with (joint honours):**  
Mathematics, Physical Geography,  
Physics, and Welsh. See pg 46.

## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Systems and Control Engineering p94

**This course is also available with a 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 transfer onto any of our degree schemes.**



# Computer Science and Artificial Intelligence

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, whether in searching using natural language, home appliances or smart phones. As a result, there is a strong demand for computer science graduates who have special training in Artificial Intelligence.

At Aberystwyth, this degree studies examples of current and emerging artificial intelligence systems including data mining in huge data sets, supply chain management systems, time series prediction, and many others. On this course, you will gain a firm foundation in computing skills such as programming, software design, and computer architecture, and will learn specialised skills in the areas of artificial intelligence, and interaction with related areas of study, such as intelligent agents in games programming and mobile computing.

Specialist opportunities at Aberystwyth for Computer Science and Artificial Intelligence include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- modules on artificial intelligence concepts and tools, in addition to core computing modules
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems

## Key Facts

**Degree type:** BSc

**UCAS code:** GG4R  
(GG47 with work experience)

**Duration:** 3 years (GG47 is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

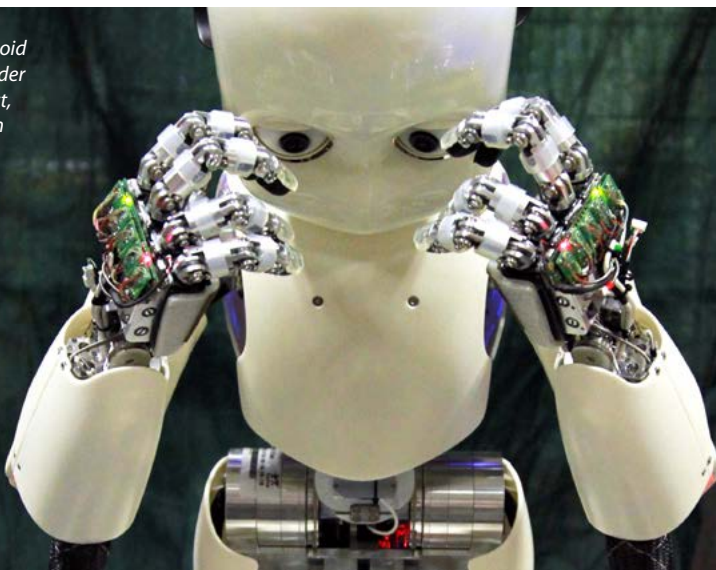
## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Data Science p91  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Software Engineering p93, p95  
Systems and Control Engineering p94

## Employability

This degree provides the appropriate skills for any typical job in the software industry. Its particular emphasis also gives you a head start when applying for jobs in areas like 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; design and implementation of intelligent controllers, such as those required in robotics; and control and analysis of vision systems, vision capture, information extraction from an image.

*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, or the best ways of tackling global warming.

Taught jointly by the Department of Computer Science and the Department of Mathematics, 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.

This scheme will 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.

Specialist opportunities at Aberystwyth for Data Science include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- modules from both departments that focus on dealing with big data
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems

## Key Facts

**Degree type:** BSc

**UCAS code:** 7G73  
(7G74 with work experience)

**Duration:** 3 years (7G74 is 4 years)

**Entry requirements:** ABC with A in Mathematics or BBB with B in Mathematics. See page 190

**IB:** 28 with 4/5 points in Higher Level Maths

**Department:** Department of Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
 Business Information Technology p86  
 Computer Graphics, Vision and Games p88  
 Computer Science p89  
 Computer Science and Artificial Intelligence p90  
 Engineering Physics p161, p167  
 Internet Computing and Systems Administration p92  
 Software Engineering p93, p95  
 Systems and Control Engineering p94

## Employability

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



# Internet Computing and Systems Administration

The internet is a key component of the business strategy of many large organisations, and there is a huge demand for people with the skills to construct effective internet applications to meet modern business needs. At Aberystwyth, this degree combines practical training in building websites to professional standards with study of the commercial, legal and technical context in which the internet operates. You can take this scheme with or without a year in industry.

Specialist opportunities at Aberystwyth for Internet Computing and Systems Administration include:

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

## Employability

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.

## Key Facts

**Degree type:** BSc

**UCAS code:** H602  
(H603 with work experience)

**Duration:** 3 years (H603 is 4 years)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of  
Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Software Engineering p93, p95  
Systems and Control Engineering p94

*During your first year you will take part in a residential activity weekend to learn about team building and team working. In teams, you will wrestle with tasks designed to highlight how teams function and your behaviour within a team*



# 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.

At Aberystwyth, we emphasise professional engineering of large, high quality software systems. A year in employment is a compulsory part of the degree, which is crucial for gaining practical experience of applying the skills acquired during the first two years of study. As well as a firm foundation in computing skills, on this degree you will also develop specialised skills including graphics and visualisation, artificial intelligence, robotics, telematics and mobile computing.

Specialist opportunities at Aberystwyth for Software Engineering include:

- regularly updated laboratories providing access to a full range of computing environments including iMacs, Linux and Windows
- core modules that focus on software engineering scenarios
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems

## Key Facts

**Degree type:** BEng

**UCAS code:** G600

**Duration:** 4 years (includes a year's work experience)

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** Department of Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Engineering Physics p161, p167  
Internet Computing and Systems Administration p92  
Software Engineering p95  
Systems and Control Engineering p94

## 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.



# Systems and Control Engineering (BEng)

\*subject to approval

Systems and Control Engineering is concerned with building physical systems involving software, electronics, sensors and actuators. This degree at Aberystwyth focuses on 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.

At Aberystwyth we emphasise professional engineering of large, high quality software systems. A year in employment is a compulsory part of the degree, which is crucial for gaining practical experience of applying the skills acquired in the first two years of study. As well as a firm foundation in computing skills, on this degree you will also develop specialised skills in robotics, Artificial Intelligence and systems engineering.

Specialist facilities in Aberystwyth for Systems and Control Engineering students include:

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

## Employability

Graduates will have a strong background in computing that should prepare them for many jobs in the computing industry. In addition the specific skills gained on this degree are an ideal preparation for working in the

## Key Facts

**Degree type:** BEng

**UCAS code:** 132F

**Duration:** 4 years

**Entry requirements:** BBC with B in Maths and C in Science.  
See page 190

**IB:** 28 with specified subjects

**Department:** Department of Computer Science

## Related courses:

Artificial Intelligence and Robotics p86  
Business Information Technology p86  
Computer Graphics, Vision and Games p88  
Computer Science p89  
Computer Science and Artificial Intelligence p90  
Data Science p91  
Engineering Physics p161, p167  
Software Engineering p93, p95  
Systems and Control Engineering p94

aerospace and automotive industries and the emerging area of the Internet of Things.

**This course is also available as a 5 year MEng Integrated Masters (132G), also subject to approval. 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 196 for entry requirements.**



## Software Engineering (MEng)

Software Engineering is concerned with the production of large, high-quality, and often long-lived, software systems. Work in this area requires a deep understanding of software and related technologies, together with an appreciation of the management and professional issues associated with the development of large systems. As well as a firm foundation in computing skills, on this degree you will also develop specialised skills including graphics and visualisation, artificial intelligence, robotics, telematics and mobile computing.

The prestigious MEng in Software Engineering is similar to the Bachelors degree but provides an extra year of instruction in building large, high-quality software systems. Following your industrial placement, you will undertake a further two years of study. During this time, you will undertake team and individual projects as well as modules at Master's level. Open-ended challenges are normal at this level, and success demands an independent-minded, but nonetheless strictly professional and well-organised approach to study.

Specialist opportunities at Aberystwyth for Software Engineering include:

- access to excellent facilities including an iMac suite, a Linux suite and a digital systems laboratory
- use of state of the art research equipment, including mobile robots, sailing robots and manipulator arms, vision and motion tracking systems

### Key Facts

**Degree type:** MEng

**UCAS code:** G601

**Duration:** 5 years (includes a year in industry)

**Entry requirements:** AAB with B in any subject. See page 190

**IB:** 32

**Department:** Department of Computer Science

### Related courses:

Artificial Intelligence and Robotics p86

Business Information Technology p86

Computer Graphics, Vision and Games p88

Computer Science p89

Computer Science and Artificial Intelligence p90

Engineering Physics p161, p167

Internet Computing and Systems Administration p92

Software Engineering p93

Systems and Control Engineering p94

### 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 p46

### Employability

This degree provides appropriate skills for the majority of technical jobs in the software industry. The high calibre of our MEng graduates has helped them gain excellent positions in British Aerospace, CAP Gemini and other large international software development companies. Several MEng students have even started their own business to showcase their final year project.



# School of Education and Lifelong Learning

<b>Childhood Studies</b>	<b>97</b>
<b>Education</b>	<b>98</b>
<b>Education and International Development</b>	<b>99</b>

At the School of Education and Lifelong Learning, we pride ourselves on the experience we offer our students. We build great relationships where our students know that staff will respond to their needs and suggestions, and our staff value the constructive contributions our students make. Everyone works together to improve and develop our provision, now and for the future.

As a result of the quality of teaching, wealth of experience, constructive feedback and tailored employability advice they received here, our graduates are working with children and young people throughout the UK. Some are setting up a nursery in Nicaragua and a school in Kenya, and another is advising on play in Brunei.

Aberystwyth was the first university in England and Wales to offer an honours degree in education, and we have since expanded our teaching to include childhood studies, and education and international development.

In teaching and research the School is committed to serving the educational, cultural, linguistic and social needs of Wales and attaches great importance to contributing to the community in which it is based. In doing so, we highly value collaboration with independent providers in the community, schools, unitary authorities and other local and national educational institutions, as well as with other partners and organisations in the UK, Europe and the wider world. Through these partnerships we are actively conducting research in the areas of health and wellbeing; international development; policies in education; Welsh medium education and education for families in the armed forces.

## Our degrees

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

## Facilities

The School is located in Penbryn 5 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.

The School is also home to the educational resource publisher, CAA – an educational publishing agency within the University. It is one of the largest educational publishers in Wales.

## Studying through the medium of Welsh

You can study core modules through the medium of Welsh, and an increasing number of the optional modules are offered in Welsh. We are expanding our Welsh medium provision every year. All assignments and exams can be written in Welsh and all work written in Welsh is marked by Welsh-speaking tutors. Some modules taught in English have Welsh-medium seminar groups, which enable you to discuss your studies in small groups. Some joint degrees are eligible for the Coleg Cymraeg Cenedlaethol's (CCC) Main Scholarship.

## Additional opportunities

If you wish to work with children in Wales, it is a good idea to learn some Welsh, or you may wish to brush up on the Welsh you learnt at school. We offer Welsh courses at a variety of levels, with concessionary fees for students. Some of our joint degree courses offer 80 credits a year through the medium of Welsh and are eligible for a Coleg Cymraeg Cenedlaethol's Main Scholarship.

If you wish to pursue another subject which is outside the scope of your degree scheme, we also offer a broad range of additional courses available in the daytime, evenings, on weekdays and at weekends designed to suit a wide variety of tastes. These are free for Aberystwyth students and cover languages, environmental studies, IT, Art and the Humanities.

# Childhood Studies

The childhood years are crucial to later learning and development. Childhood Studies at Aberystwyth will give you the opportunity to explore the factors which influence childhood and how these can affect later development. The course will draw upon a variety of disciplines including sociology, psychology and educational studies.

Whilst the course focuses mainly on theoretical aspects of the subject, you will be able to undertake some hands-on, practical experience. As part of the course, there is the opportunity to undertake two short placements to gain observational experience of work within an educational/childhood setting.

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
- the School is home to the educational resource publisher CAA – one of the largest educational publishing agencies in Wales
- our Employability Co-ordinator will keep you up to date with a range of opportunities in the area (both paid and voluntary) to help you develop the skills you will need to help you into employment after university.

*A Childhood Studies student describes her experiences at Camp America*

## Key Facts

**Degree type:** BA

**UCAS code:** X320

**Duration:** 3 years

**Entry requirements:** CCC  
See page 190

**IB:** 28

**Department:** School of Education and Lifelong Learning

## Related courses:

Education p98

Education and International Development p99

## Employability

This degree provides an ideal basis for anyone wishing to work in any educational setting or in the social care professions. This course offers the option of exit points at the end of each year (Certificate of Higher Education at the end of the first year, and Diploma at the end of the second year), which can provide the basis of qualifications for teaching/classroom assistants, amongst other options. Successful completion of this degree would provide an excellent basis for entry onto the PGCE Primary teaching qualification. All Childhood Studies graduates are usually guaranteed an interview to follow the primary PGCE (taught in the North and Mid Wales Centre of Teacher Education) at Bangor University, subject to meeting all other requirements.

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



## Education

Education explores the development of children and adolescents, covering issues which are central to an understanding of educational systems. As well as curriculum design and educational policy, at Aberystwyth we also study wider issues which offer insights into the disciplines of sociology, psychology, and linguistics.

Available as either major, joint, or minor combinations, our Education degrees combine the best that the School of Education has to offer with leading departments in other subject areas, providing you with varied and interesting schemes of study.

Specialist opportunities at Aberystwyth for Education students include:

- the chance to study your favourite subject alongside Education
- specialist subject librarians in both departments to support you in your studies
- a personal tutor in each department
- the School is home to the educational resource publisher CAA – one of the largest educational publishing agencies in Wales

### Employability

A degree with Education allows access to a wide variety of general graduate posts, including administrative posts within educational institutions or local education authorities, educational journalism, charities and student counselling or welfare. If further study appeals to you, the School provides for study at Masters level and beyond. All Education graduates are usually guaranteed an interview

### Key Facts

**Degree type:** BA/BSc

**Duration:** 3 years/4 years

**Entry requirements:** BBC-ABB  
See page 190

**IB:** 28

**Department:** School of Education and Lifelong Learning

**Available with (joint honours and/or major):** Drama and Theatre Studies, English Literature, Fine Art, French, History, Human Geography, Irish Language and Literature, Mathematics, Spanish, and Welsh. See pg 46.

### Related courses:

Childhood Studies p97

Education and International Development p99

to follow the PGCE courses taught in the North and Mid Wales Centre of Teacher Education. If you are thinking of secondary teaching, you will need to study a teaching subject for at least half of your degree (joint honours). Students with Education as the major subject can apply for Primary PGCE only.

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



# Education and International Development

Education and International Development addresses the significance of the role of education in development, be it in developed or developing countries. Education is an essential aspect of the 2015 Millennium Development Goals and it has an impact upon the successful implementation of social and governmental policies and programmes throughout the world. It can contribute significantly towards social cohesion, public resilience, individual and community development, sustainability and the establishment of rights and wellbeing. In the longer term it can affect rates of poverty, standards of health and prospects for economic growth.

This innovative degree at Aberystwyth prioritises your employability and skills by building in a core placement with a relevant organisation in your second year. This is an essential aspect of the scheme and your studies are built around this experience. You will be expected to undertake a stimulating 7 week (minimum) placement in the second year which will provide a practical and inspiring perspective on the theoretical and critical debates discussed in the college based sessions. It will then provide a real context for your studies and personal development in the final year as well as give you a unique and interesting perspective as a graduate entering the employment market.

Specialist opportunities at Aberystwyth for Education and International Development students include:

- the School is home to the educational resource publisher CAA – one of the largest educational publishing agencies in Wales

## Key Facts

**Degree type:** BA

**UCAS code:** 23K6

**Duration:** 3 years

**Entry requirements:** BBC  
See page 190

**IB:** 28

**Department:** School of Education and Lifelong Learning

## Related courses:

[Childhood Studies p97](#)

[Education p98](#)

- studying in an established department with excellent student support systems
- regular employability seminars and conferences exclusively for students in the School of Education
- module choices which enable you to specialise in areas which interest you

## Employability

This course is suitable for those who want to be involved in Education as a means for community and social development from a global perspective. If you wish to work in charitable organisations, non-government organisations at home or abroad, educational policy-making bodies or in an advisory role, or if you are more interested in practical, social development situations and immediate responses to humanitarian emergencies, then this course is for you.



# Department of English and Creative Writing

<b>Creative Writing</b>	<b>101</b>
<b>English Literature</b>	<b>102</b>
<b>English Literature and Creative Writing</b>	<b>103</b>

Within our Department's vibrant community subject specialists and students work together to explore critical thinking and creativity, where inspiring teaching and a world-class student experience take centre-stage. You will encounter lecturers who are respected nationally and internationally for their research and who are committed to communicating their knowledge, expertise and skills to the students they work alongside.

Rated "Excellent" in the most recent Assessment of Teaching Quality, the Department of English and Creative Writing offers you flexible programmes that combine tradition and innovation, breadth and depth. We provide teaching of the highest quality and our academic support is routinely ranked as excellent in national satisfaction surveys.

Our prestigious literary scholars and award-winning writers have fostered the talents of countless students who have gone onto great successes. We support our students by integrating employability and personal development opportunities into each stage of the academic curriculum and co-curricular activity. As well as going on to develop distinguished professional careers, many of our creative writing graduates have become successful published writers. Recent graduates have signed to some of the UK's major literary agents, published with some of the world's most prestigious publishing houses, and have been shortlisted for national and international writing awards.

## Facilities

As the internationally renowned "cultural capital" of Wales, Aberystwyth is a truly unique place to study. Not only is the University situated in one of the most attractive landscapes in the UK, but it also offers first-class academic resources and learning opportunities. We enjoy a cutting-edge IT infrastructure and modern, fully equipped teaching spaces. 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 whole host of writing and publishing activities.

## Additional Opportunities

Each year the Department organises guest lectures and workshops, which include a range of well-known professional writers, and scholars from around the world. Amongst those who have recently visited are columnist and critic Caitlin Moran, Professor Germaine Greer; poets Andrew McMillan, Jonathan Edwards, Poet Laureate Carol Ann Duffy and National Poet of Wales Gillian Clarke; novelists Niall Griffiths, Gareth L.Powell, Sarah Hall and Tyler Keevil; and the renowned writer for radio, television, film and theatre, Damian Gorman. We also publish a department newsletter, *AberInk*, which is written, designed and edited by students, and showcases their creative and critical work.

## Assessment

You will be assessed using a combination of methods designed to enable you to maximise your potential. Whilst the majority of your work will be assessed through traditional modes, 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 range of skills and experiences that demonstrate your ability to communicate effectively to a wide range of audiences in a host of different contexts.

# Creative Writing

Creative Writing provides exciting and diverse opportunities for working in a broad variety of forms and genres. At Aberystwyth you will develop creative skills that will enable you to work confidently and effectively in a whole host of styles.

This degree offers a broad curriculum that cuts across traditional subject boundaries. You will have opportunities for experimentation with genre, form, language, media, style and presentation. On completing this course 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 you will translate these into your own writing and textual production.

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 a trans-disciplinary environment that allows you to explore your creativity across a range of academic subjects
- excellent resources, including access to the National Library of Wales, one of only five copyright libraries in the UK, with over 6 million books, maps, prints and manuscripts
- 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

## Key Facts

**Degree type:** BA

**UCAS code:** W801

**Duration:** 3 years

**Entry requirements:** BBB - ABB with B in English Literature. See page 190

**IB:** 30 with 6 points in Higher Level English Literature

**Department:** Department of English and Creative Writing

**Available with (joint honours):** Mathematics, Physical Geography, Physics, and Welsh. See pg 46.

## Related courses:

Creative Arts p53

English Literature and Creative Writing p103

English Literature p102

## Employability

As well as developing your creative work in a broad range of modes – fiction, poetry, advertising, writing for stage, screen and radio – our experienced team of practitioners will guide you in developing and recognising lifelong skills that will be the cornerstone of your future successes as a writer and beyond. You will have the skills to pursue diverse careers directly related to writing and publication, and you will be equipped with an array of transferable skills applicable to the wide range of professions that value effective communication.



# English Literature

This degree allows you to explore the literary texts and cultures that fire your imagination, from the early medieval period to the present day. We offer you opportunities to engage with 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 impact upon the ways we read and write. We will also develop your powers of expression and communication, and provide you with opportunities to hone and refine your skills both as an independent learner and within a nurturing and structured learning environment.

A degree in English Literature at Aberystwyth offers you:

- teaching excellence with outstanding results – 83% of our class of 2015 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, Renaissance drama and Romanticism
- excellent resources, including access to the National Library of Wales, one of only five copyright libraries in the UK, with over 6 million books, maps, prints and manuscripts – situated within a five-minute walk of the Department

## Key Facts

**Degree type:** BA

**UCAS code:** Q300

**Duration:** 3 years

**Entry requirements:** BBB - ABB with B in English Literature. See page 190

**IB:** 30 with 6 points in Higher Level English Literature

**Department:** Department of English and Creative Writing.

**Available with (joint honours):** Art History, Drama and Theatre Studies, Education, Film and Television Studies, Fine Art, French, German, History, Human Geography, International Politics, Irish Language and Literature, Spanish, and Welsh. See pg 46.

## Related courses:

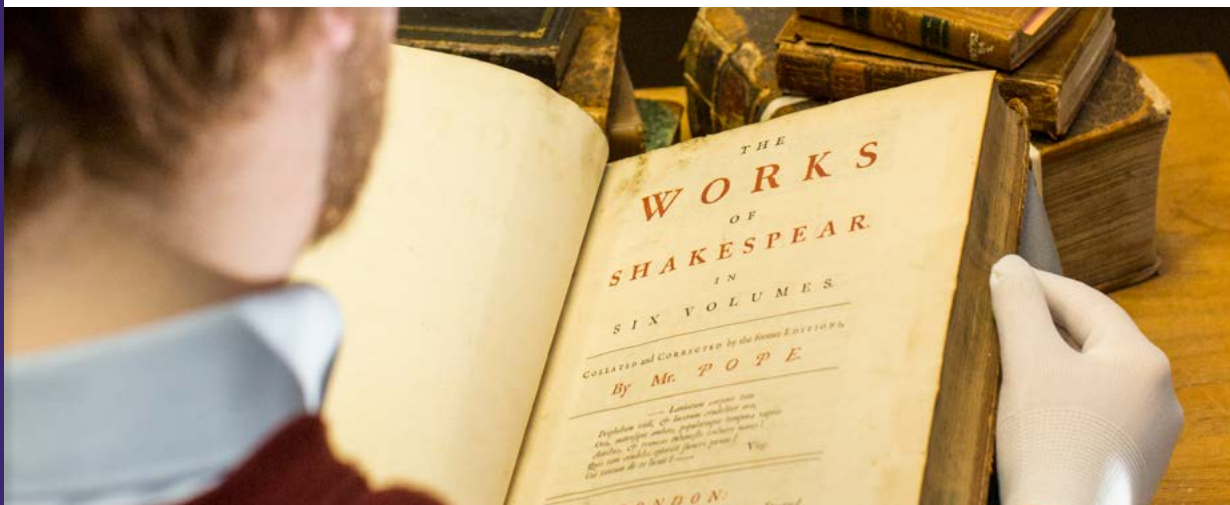
Creative Writing p101

English Literature and Creative Writing p103

Liberal Arts p155, p158

## Employability

Employers across a broad spectrum of sectors value our English graduates for their communication skills, their ability to form persuasive, substantiated arguments and their attention to detail. As a traditional and respected subject, English guarantees a golden standard for any employment setting in which the written and spoken word are valued. This is why English graduates succeed across the broadest possible range of career destinations, from broadcasting, journalism and publishing to teaching, the civil service, business, finance and beyond.



# English Literature and Creative Writing

English Literature and Creative Writing is taught by distinguished practising writers and aims to develop both your creative and critical writing skills. This degree will expand your range and capabilities as a writer, and enable you to work confidently in a variety of genres and forms.

Over the duration of this course 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.

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

- teaching excellence with outstanding results – 83% of our class of 2015 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
- 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
- excellent resources, including access to the National Library of Wales, one of only five copyright libraries in the UK, with over 6 million books, maps, prints and manuscripts – situated within a five-minute walk of the Department

## Key Facts

**Degree type:** BA

**UCAS code:** QW38

**Duration:** 3 years

**Entry requirements:** BBB - ABB with B in English Literature. See page 190

**IB:** 30 with 6 points in Higher Level English Literature

**Department:** Department of English and Creative Writing.

## Related courses:

Creative Writing p101  
English Literature p102  
Liberal Arts p155, p158

## Employability

This degree will enable you to hone your critical and creative abilities whilst developing excellent communication skills. You will be well-placed to pursue diverse careers directly related to writing and publication, and you will be equipped with an array of transferable skills applicable to the wide range of professions that value effective communication. Many of our students go on to develop their creative writing alongside more traditional graduate career destinations in teaching, finance, media, health administration and the charity sector. 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. We are extremely proud that many of our alumni have received and been shortlisted for national and international writing awards.



# Department of Geography and Earth Sciences

<b>Environmental Earth Science</b>	<b>105</b>
<b>Environmental Science</b>	<b>106</b>
<b>Geography</b>	<b>107</b>
<b>Human Geography</b>	<b>108</b>
<b>Physical Geography</b>	<b>109</b>

The Department of Geography and Earth Sciences is one of the most prominent and well-respected departments of Geography and Earth Sciences in the UK, with almost a hundred years of experience. Our lecturers are research innovators, conducting research that is world-leading in nature. The Department also offers a warm and welcoming place, with all staff placing great importance on fostering a positive student experience. As a result, student satisfaction for our degree schemes as measured by the NSS, is consistently higher than the national average and we also perform well each year in the University's Student Led Teaching Awards.

Aberystwyth offers one of the most picturesque locations in Europe; set on the coast of Cardigan Bay and surrounded by the beautiful Cambrian Mountains. We are uniquely placed to offer our students a perfect environment in which to study geography and Earth sciences.

Our research impact can be seen from the most recent Research Excellence Framework in 2014, where we were ranked the best in Wales for Geography, with 78% of our research classed as "world-leading" or "internationally excellent". The Department is 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. Furthermore, 100% of our research was classified as having either outstanding or very considerable impacts in terms of their reach and significance. Many of our staff are leading experts in their field, and are at the forefront of research into global issues including climate and environmental change, river basin dynamics and hydrology; cultural, historical and new political geographies.

Our graduates are highly sought after. The most recent statistics show that 97% of our students were in full-time education or in further education six months

after graduating. recent graduates include geologists, architects, airline pilots, environmental consultants for large global companies, and many go on to further study and research.

## Facilities

We have a range of analytical instrumentation including equipment for sedimentological and geochemical analysis. Depending on your course, you will also have access to a mass spectrometer, atomic absorption spectrometer, ion chromatograph, GPS, GIS and remote sensing equipment, digital data transcribers and data recording technology. You will receive training in computer-based data handling and retrieval, statistical analysis, analysis of natural materials, field surveys and social research methods.

You will have access to specialist software for mapping, statistical and qualitative analysis, and modelling. The Department also houses the Digital Map Library, which has been recently upgraded to provide comprehensive digital mapping resources.

## 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. 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, and Physical Geography schemes are eligible for the CCC Incentive Scholarships (see page 44).

## Fieldwork

In your first year you will experience a field trip at a location of interest in the UK. All second year students also go on a week-long residential overseas trip, which is free if you go to Ireland, or for an additional fee you may go further afield (for example, New Zealand, Crete, or New York). The destinations of our fieldtrips may be subject to change.

To encourage you to travel and experience new places, you will be able to apply for travel awards, set up to help fund your travel to locations around the world. The University centre in Svalbard in the Norwegian high Arctic also gives you an experience of studying in one of the world's more extreme climates and the opportunity to see the effects of climate change in the Arctic at first hand.

# Environmental Earth Science

If you are interested in the Earth's physical environment, and the impact that human civilisation has had upon it, then you will find this an exciting and rewarding degree to follow. At Aberystwyth, it involves the study of 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. Particular emphasis is placed on Earth surface processes and their links with the underlying geology and the secondary environment. Our understanding of these processes is then applied to addressing environmental issues, such as resource exploitation, pollution, waste disposal, ground water, water supplies, natural hazards, and conservation.

Opportunities at Aberystwyth for Environmental Earth Science students include:

- being taught by world-leading researchers
- our free week-long residential field courses, in each year of the degree

## Key Facts

**Degree type:** BSc

**UCAS code:** F640

**Duration:** 3 years

**Entry requirements:** BBC with C in a science subject. See page 190

**IB:** 28-30 with 4/5 points in science at Higher Level

**Department:** Department of Geography and Earth Sciences

**Available with (major):** Education. See pg 46.

## Related courses:

Environmental Science p106

Geography p107

Human Geography p108

Physical Geography p109

## Employability

As public appreciation concerning environmental issues has increased, so the commercial sector has had to assimilate recent environmental European and UK legislation, thus providing new work opportunities in this field. Our students also go on to higher degrees, often in the fields of environmental or geological sciences.



## Environmental Science

Environmental Science lies at the intersection of geography, biology and Earth sciences, providing a scientific basis for understanding the Earth System from a physical, biological and chemical perspective and the fundamental interaction of these processes. It focuses upon the impacts of humankind on natural processes, 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.

At Aberystwyth, the degree focuses on past, present and future environmental processes and their complex interactions with human activities. In addition to a fundamental training in Environmental Science, you may choose optional modules that will enable you to pursue those areas which are of most interest to you.

Specialist opportunities at Aberystwyth for Environmental Science include:

- facilities include a digital map library, 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 Modeling 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

### Key Facts

**Degree type:** BSc

**UCAS code:** F750

**Duration:** 3 years

**Entry requirements:** BBC with C in Biology or Geography. See page 190

**IB:** 28-30 with 4/5 points in science at Higher Level

**Department:** Department of Geography and Earth Sciences

### Related courses:

Environmental Earth Science p105

Geography p107

Human Geography p108

Physical Geography p109

### Employability

Your degree will ideally place you to enter the workplace as monitors and managers of the environment in a whole range of contexts (e.g. national parks, planning departments, environmental consultancies). It will open up a range of exciting opportunities for employment and further training, as well as provide an abundance of transferable skills.



# Geography

On the Geography degree you will study the human and physical processes affecting the globe, and the political and environmental issues that arise as a consequence of human interactions with the Earth. An understanding of how human society and the global environment relates to all our lives, whether we live in Britain or beyond, is of central importance to the contemporary world.

The degree enables you to either specialise in a particular field or to maintain a breadth of interest. The opportunities are wide and the module structure is flexible to suit your needs. Our courses have the ultimate aim of equipping you with the range of professional skills that you will need for future employment. Throughout all three years you will have the opportunity to study both physical and human geography.

Opportunities at Aberystwyth for Geography students include:

- facilities for laboratory work in chemical and physical analysis (for example, for soils, water quality and pollen work), social investigation and data processing
- fieldwork is an essential part of the Geography course. In the first year students will take part in free residential fieldwork (Wales based). In the second year, there's the option of a free residential overseas (Ireland) fieldtrip, as well as more expensive options to locations further afield (for which there would be a fee)

## Key Facts

**Degree type:** BSc

**UCAS code:** F800

**Duration:** 3 years

**Entry requirements:** BBB with B in Geography or ABB without Geography. See page 190

**IB:** 28-30 with 4/5 points in Higher Level Geography

**Department:** Department of Geography and Earth Sciences

## Available with (joint honours):

History, International Politics, Welsh, and Welsh History. See pg 46.

## Related courses:

Environmental Earth Science p105

Environmental Science p106

Human Geography p108

Physical Geography p109

## Employability

Our graduates have found employment in environmental, scientific, mathematical, information and social services, tourism, industrial management and business enterprises. Some geographers join the teaching profession, but the majority enter a wide range of professions in all sectors of the economy, where their skills as both generalists and specialists are recognised in a highly competitive employment market.



# Human Geography

Human geography is an exciting and rewarding subject to study. It addresses some of the major issues facing the world today – globalisation, sustainable development, inequality and poverty, geopolitics, nationalism and regionalism, migration, multiculturalism and social and economic change – but 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. As such, human geography is not only a varied and stimulating subject, but also develops a broad portfolio of skills that are valuable for a wide range of careers.

Opportunities at Aberystwyth for Human Geography students include:

- the flexible modular structure of the course allows you to develop your own particular interests
- a week-long residential field course is an important feature in second year. Recent destinations have included New York and Dublin

## Employability

Human geography provides an ideal background for a wide range of careers, including the civil service, journalism, consultancy, planning, local government, management, teaching and charity work. Our graduates have gone into a diverse spectrum of employment, and recent graduates can be found working in think tanks in London, economic development agencies in Wales, and with charities overseas to give just a few examples.

## Key Facts

**Degree type:** BA

**UCAS code:** L700

**Duration:** 3 years

**Entry requirements:** BBB with B in Geography or ABB without Geography. See page 190

**IB:** 28-30 with 4/5 points in Higher Level Geography

**Department:** Department of Geography and Earth Sciences

**Available with (joint honours and major):** Business and Management, Economics, Education, English Literature, French, History, International Politics, and Politics. See pg 46.

## Related courses:

Environmental Earth Science p105

Environmental Science p106

Geography p107

Physical Geography p109

*Our Human Geography students in New York City on a recent second year fieldtrip.*



# Physical Geography

An understanding of the global environment and problems relating to it impinge on all our lives. At Aberystwyth, you will study the processes structuring the natural world and the environmental management issues that arise as a consequence of such processes.

The degree enables you to either specialise in a particular field or to maintain a breadth of interest. The opportunities are wide and the module structure is flexible to suit your needs. You will be taught by world class staff that will help develop your understanding of the physical processes shaping the Earth, from sea to rivers, glaciers to volcanoes, including landscapes from the arid to the Arctic.

A week-long international residential field course is an important feature in second year. Recent destinations have included New Zealand, Crete and Killarney.

## Employability

Our graduates have found employment in environmental, scientific, mathematical, information and social services, tourism, industrial management and business enterprises. Some geographers join the teaching profession, but the majority enter a wide range of professions in all sectors of the economy, where their skills as both generalists and specialists are recognised in a highly competitive employment market.

## Key Facts

**Degree type:** BSc

**UCAS code:** F840

**Duration:** 3 years

**Entry requirements:** BBB with B in Geography or ABB without Geography. See page 190

**IB:** 28-30 with 4/5 points in Higher Level Geography

**Department:** Department of Geography and Earth Sciences

**Available with (joint honours and major):** Computer Science, Education, Mathematics, and Statistics. See pg 46.

## Related courses:

Environmental Earth Science p105

Environmental Science p106

Geography p107

Human Geography p108

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



# Department of History and Welsh History

<b>European History</b>	<b>112</b>
<b>History</b>	<b>113</b>
<b>History and Economic and Social History</b>	<b>114</b>
<b>History and Media</b>	<b>115</b>
<b>History and Welsh History</b>	<b>116</b>
<b>Medieval and Early Modern History</b>	<b>117</b>
<b>Modern and Contemporary History</b>	<b>118</b>
<b>Politics and Modern History</b>	<b>119</b>

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 across the globe and throughout time. In our own historic location, with 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 from the start and ensuring you approach your own future with confidence and conviction. A degree with us is not just about exploring the past, it is also about finding your own place in that story!

History has been taught at Aberystwyth since the foundation of the University in 1872, making the Department of History and Welsh History the oldest history department in Wales and one of the foremost in Britain. The Department is committed to small-group teaching and one-to-one support, and our flexible course structures mean you can tailor your degree to reflect your own needs and interests.

The teaching and research interests of our academic staff span the period from the medieval to the modern world, and are reflected in a broad range of political, social and cultural history modules. We pride ourselves on the friendliness and informality of relations between staff and students. Our Staff-Student Committee represents your interests and there is a lively History Society which organizes guest lectures, visits to places of interest and social events.

As a history graduate you will have learnt how to think independently, analyse critically and write clearly. 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 in the heritage sector. We also provide a range of opportunities for students to identify, and nurture the transferable skills that will make them competitive candidates once they complete their degree.

## Facilities

The Department is located at the centre of the University's main campus, within the same building as the main library, and is within a few minutes walk to the National Library of Wales. You will enjoy full membership of the National Library, which is one of only five copyright libraries in the United Kingdom, with over six million books, maps and prints. You will find this especially valuable when studying your special subject and writing your dissertation in your third year. 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 of your time here.

## 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). European and German 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. For further information, please contact us.



# European History

Studying European History at Aberystwyth will enable you to specialise in the history of Europe and the wider continent's relationship with the UK, analysing how the European continent has influenced, and continues to influence UK and world history.

Drawing on the expertise of internationally-recognised experts you'll discover the diversity of European history from Roman times to the present day. Through the course of your degree you will learn the research skills necessary to develop your specific interests. In your final year you will then have the opportunity to write a dissertation on your own research topic.

Opportunities at Aberystwyth for European History students include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- a wide range of study abroad opportunities available in both Europe and the wider world

## Key Facts

**Degree type:** BA

**UCAS code:** V220

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

## Related courses:

History p113  
 History and Economic and Social History p114  
 History and Media p115  
 History and Welsh History p116  
 Medieval and Early Modern History p117  
 Modern and Contemporary History p118  
 Politics and Modern History p119

## Employability

Studying for a degree in European History will provide you with the opportunity to broaden your understanding of the history of Europe, and will help you gain a number of skills suitable for the workplace. Our history graduates think independently, analyse critically and write clearly, and 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.



# 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 everyday life.

The interests of our lecturers at Aberystwyth span the period from antiquity to the modern world, so we can provide you with a broad range of political, social, economic and cultural history modules from all periods and several continents.

Opportunities at Aberystwyth for History students include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- through small-group teaching, a personal tutor system and a raft of other activities we aim to provide a supportive and friendly learning environment

## Employability

Our history graduates think independently, analyse critically and write clearly. 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.

## Key Facts

**Degree type:** BA

**UCAS code:** V100

**Duration:** 3 years

**Entry requirements:** BBB-ABB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

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

**Available with (joint honours or major):** Drama and Theatre Studies, Education, English Literature, Film and Television Studies, Fine Art, French, Geography, German, Human Geography, International Politics, Irish Language and Literature, Mathematics, Politics, Spanish, Welsh, and Welsh History. See pg 46.

## Related courses:

European History p112  
 History and Economic and Social History p114  
 History and Media p115  
 History and Welsh History p116  
 Medieval and Early Modern History p117  
 Modern and Contemporary History p118  
 Politics and Modern History p119

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



# History and Economic and Social History

There is a rich history of changes in society and the economy. This history deals with the lives of the great and humble alike. At Aberystwyth, this degree scheme is designed for students who are more interested in the lives of ordinary people in the past than in great leaders, battles and high politics.

Topics include gender history, the history of migrant communities, and the history of globalisation. The flexible nature of this course allows you to choose from a diverse selection of optional modules covering different topics and eras, that interest you.

Specialist opportunities at Aberystwyth for History and Economic and Social History include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- The interests of our lecturers span the period from antiquity to the modern world, so we can provide you with a broad range of political, social, economic and cultural history modules from all periods

## Key Facts

**Degree type:** BA

**UCAS code:** V390

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

## Related courses:

European History p112

History p113

History and Media p115

History and Welsh History p116

Medieval and Early Modern History p117

Modern and Contemporary History p118

Politics and Modern History p119

## Employability

Studying this degree will help you gain a number of skills suitable for the workplace and develop an understanding of economic and social themes in history. Our graduates think independently, analyse critically and write clearly. 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.



## History and Media

This degree is designed for students who wish to develop an interest in both history and media studies. The media has long provided historians with an important resource about the past, but it also has a history of its own. At Aberystwyth you will have the opportunity to learn about the media in both historical and theoretical contexts, while at the same time developing skills that will prove vital for the workplace.

The degree allows you to take a range of history, media history, and media and communications modules offered by the department of History and Welsh History and the Department of Theatre, Film and Television Studies. You will be directed in particular to modules that engage with the history of the media and the use of the media in past societies, and will take a final-year dissertation on a topic that integrates the themes of history and media in the department of your choice.

Specialist opportunities at Aberystwyth for History and Media include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the University is home to the Centre for Media History, which has recently been awarded large grants towards research in the field
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- the National Library of Wales is also home to the National Screen and Sound Archive of Wales, an unrivalled collection of films, television, and sound recordings relating to the Welsh and Wales

### Key Facts

**Degree type:** BA

**UCAS code:** VP13

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

**This course is also available partly through the medium of Welsh.**

### Related courses:

European History p112

History p113

History and Economic and Social History p114

History and Welsh History p116

Medieval and Early Modern History p117

Modern and Contemporary History p118

Politics and Modern History p119

### Employability

Whether or not you are considering a career working in the media such as journalism, students in History and Media graduate with a wealth of skills that are attractive to employers. Our graduates are trained to think independently, analyse critically and write clearly, while media and communications studies introduces you to key contemporary debates that directly inform work in a competitive media environment. Other possible career paths would include those that directly exploit the degree, including teaching or museum management. Other fields could be as variable as accountancy, banking, advertising, retail management, public relations, the computer industry, hospital administration, local government, the police force and social work.



## 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 key topics.

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 from 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.

Specialist opportunities at Aberystwyth for History and Welsh History include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the University library has a first-rate collection of Celtic literature and historical works, while the National Library of Wales boasts unparalleled resources, including manuscript and documentary collections, specialised texts and works of reference
- strong emphasis is placed on close tutorial supervision and you will be encouraged to exchange ideas and argue freely in small-group seminars

### Key Facts

**Degree type:** BA

**UCAS code:** VVC2

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

**This course is also available partly through the medium of Welsh.**

### Related courses:

European History p112

History p113

History and Economic and Social History p114

History and Media p115

Medieval and Early Modern History p117

Modern and Contemporary History p118

Politics and Modern History p119

### Employability

Studying this degree will help you gain a number of skills suitable for the workplace. By placing Welsh history within a wider context the degree allows you to study a broad range of approaches and themes. Our graduates think independently, analyse critically and write clearly. 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.

*Aberystwyth castle was built by Edward I in the thirteenth century*



# 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'll 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.

Specialist opportunities at Aberystwyth for Medieval and Early Modern History include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- a number of modules include field trips to sites of historic importance in both Wales and England

## Key Facts

**Degree type:** BA

**UCAS code:** V190

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

## Related courses:

European History p112

History p113

History and Economic and Social History p114

History and Media p115

History and Welsh History p116

Modern and Contemporary History p118

Politics and Modern History p119

## Employability

Many of our graduates take up careers directly linked to their subject such as working in the fields of archives, heritage or museum management. Others find employment in a wide range of related and non-related professional employment, including librarianship, records management, journalism, media, advertising, the legal profession, local government, business and finance, a range of jobs which incorporate research, professional writing, the police force, the military, public relations and personnel management.



# Modern and Contemporary History

Study of the recent past is an important way of understanding the world around us, and the degree in Modern and Contemporary History is designed to orientate students with that past in a way that is challenging and engaging. At Aberystwyth, you will specialise in the history of Britain, Europe, the Americas and Asia from 1730 to the present day.

It 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.

Specialist opportunities at Aberystwyth for Modern and Contemporary History include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- we offer a wide range of study abroad opportunities available in both Europe and the wider world

## Key Facts

**Degree type:** BA

**UCAS code:** V191

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

## Related courses:

European History p112

History p113

History and Economic and Social History p114

History and Media p115

History and Welsh History p116

Medieval and Early Modern History p117

Politics and Modern History p119

## Employability

Studying this degree will help you gain a number of skills suitable for the workplace. It will also give you the opportunity to strengthen your understanding of history since the French Revolution up until the present day. Our history graduates think independently, analyse critically and write clearly, and 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.



# Politics and Modern History

Politics and modern history concentrates on recent history and politics, and places the study of political ideas and institutions in the context of an understanding of historical development. 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 new concepts and historical skills, and some of the most exciting recent historical and political works. You'll develop skills in historical method, which examines the way in which the meaning, methods and writing of history have changed over time. In your final year you'll also follow a specific historical topic in depth, for which you will make extensive use of original sources, deploying the critical research skills of a practising historian.

Specialist opportunities at Aberystwyth for Politics and Modern History include:

- history has been taught at Aberystwyth since the foundation of the University in 1872, making it the oldest history department in Wales and one of the foremost in Britain
- the Department is within a few minutes' walk of the National Library of Wales, a copyright library, so 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
- studying some modules with the Department of International Politics, which was founded in 1919 after the end of World War 1, and is the world's first university department of its kind

## Employability

As it spans two different disciplines, this degree opens up a range of diverse career options to you. The politics

## Key Facts

**Degree type:** BA

**UCAS code:** V135

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30-32

**Department:** Department of History and Welsh History

**This course is also available through the medium of Welsh.**

## Related courses:

European History p112

History p113

History and Economic and Social History p114

History and Media p115

History and Welsh History p116

International Politics p122

Medieval and Early Modern History p117

Modern and Contemporary History p118

Political Studies p128

component suggests a range of career pathways in the political and public affairs arena, such as government research officer, social researcher, and civil service fast streamer, but would also be useful for such roles as local government officer, journalist, public relations officer, market researcher and work in the diplomatic services. The history component of your degree may lead to opportunities in the fields of archives, or heritage or museum management, or to related and non-related professional employment, including librarianship, records management, journalism, media, advertising, the legal profession, local government, business and finance, and a range of jobs which incorporate research or professional writing.



# Department of International Politics



<b>International Politics</b>	<b>122</b>	<b>International Politics and the Non-Western World</b>	<b>127</b>
<b>International Politics and Intelligence Studies</b>	<b>123</b>	<b>Political Studies</b>	<b>128</b>
<b>International Politics and Military History</b>	<b>125</b>	<b>Social Science</b>	<b>129</b>
<b>International Politics and Strategic Studies</b>	<b>126</b>		

International politics makes the headlines every day, and as a student in this Department you will be perfectly-placed to gain a deeper understanding of what lies behind those events. You will be welcomed into a vibrant and lively community of people who share a passion for the big questions of our times – about power, ethics, security and political participation. As an “InterPol” student, you will be part of the first department of its kind, which was founded in 1919 to help the world understand the world. This is still our mission today.

The Department is renowned for its pioneering research (almost half of it was evaluated as ‘world-leading’ in the Research Excellence Framework 2014) and we insist that this excellence 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 before they are available in the bookshop!

Some of our graduates embark on politics-related professions such as those found in the media, civil service, local and national government, international organisations, non-profit and NGO sectors, and the armed forces. Other graduates pursue positions in the financial sector, industry, or teaching.

## Facilities

The Hugh Owen Library includes the European Documentation Centre, which is a specialist information centre on European law, integration, policies and institutions. The National Library of Wales is also a United Nations Documentation Centre and houses material from the Organisation for Security and Cooperation in Europe.

## Studying through the medium of Welsh

The Department offers four specific Welsh degree schemes: Gwleidyddiaeth Ryngwladol L255, Gwleidyddiaeth L201, Gwleidyddiaeth a Gwleidyddiaeth Cymru L243 and Gwleidyddiaeth Ryngwladol a Gwleidyddiaeth Cymru L245. However, it is possible to study Welsh-medium or bilingual modules on any degree scheme; all first year and honours level core modules are normally available through the medium of Welsh as well as a further range of Welsh or bilingual optional modules.

The Coleg Cymraeg Cenedlaethol has long since recognised the Department’s achievements in teaching through the medium of Welsh, and offers scholarships worth £3000 over three years to those students who study at least 80 credits a year through the medium of Welsh.

### Extra-curricular opportunities and activities

The Department of International Politics offers and supports a wide range of extra-curricular opportunities and activities aimed at enriching your student experience and enhancing your employability, including:

- **International Exchange Programmes** – offer you a chance to study at a university abroad (we have links with carefully selected universities) 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.
- **House of Commons/Welsh Assembly Placement Scheme** - provides an exceptional opportunity for some 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 (Welsh Assembly, Cardiff) typically for a period of 4-6 weeks, and 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.
- **International Crisis Simulations** - held annually at a large country mansion in Mid Wales, students are given a scenario for a fictitious international crisis (founded in real political life). Working in teams representing countries or international agencies such as the United Nations, students are given a role to play in this crisis that develops over three days and is a real test of your abilities to make quick decisions, work in a team, communicate in face-to-face meetings, 'manipulate' the media, solve problems and navigate your way through complex situations. It's exhilarating, exhausting and addictive!
- **International Politics Society** - this student-led society seeks to explore various issues of international politics and is led and directed by students. Activities include staging debates, hosting visiting speakers, and organising conferences and workshops.
- **Carr Special Seminars** - designed to be fully interactive, and give students an opportunity to discuss and question the latest thinking in international politics; each semester special talks are given by staff about their current research, such as reporting on recent fieldwork trips abroad or their findings from an archival visit.
- **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.
- **United Nations Association (UNA) society** - seeks to understand the workings of the UN system as well as to foster awareness of its activities and related global issues. It runs simulation events during which students, representing different states, debate contemporary global issues as would happen in the General Assembly or the Security Council. Members of the society also participate in the annual Model UN events in Oxford, Cambridge, and London; and can apply to go on UNA study trips and take part in UN peacekeeping courses.
- **Aberystwyth Welsh Politics Society** - is devoted to exploring and debating issues of relevance to Wales and the world through the medium of Welsh. Simultaneous translation facilities are provided at some meetings. Recently the programme has included a roundtable discussion with the Rt Hon Dafydd Wigley, Lord Elystan Morgan and Glyn Davies; a political quiz; and an evening with Lord Dafydd Elis-Thomas on his vision for the future of the National Assembly of Wales.



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

# International Politics

World politics stands at a fascinating but difficult historical juncture, one that as political beings, we all need to understand, explain and, in part shape. International Politics offers a distinct understanding of the world in which we live as well as the problems it confronts.

International Politics at Aberystwyth draws on several subjects, including politics, history, philosophy, law, geography and sociology. This degree explores who gets what on a global scale, how they get it, and why. You will discuss power and justice as well as conflict and co-operation.

Students who study International Politics at Aberystwyth will:

- engage with key debates about how politics works in a global age, such as why the nation state continues to be an important actor in a world where state boundaries seem to matter less and less
- learn to see the world from a variety of vantage points (such as realism, liberalism, Marxism or feminism) and understand why each one identifies such different solutions to political problems
- apply concepts and theories about the international to case studies that illustrate the urgent nature of regional and global policy-making

## Employability

International Politics graduates are well-equipped to pursue careers in a number of broad areas. Some embark on politics-related professions such as those found in the media, civil service, local and national

## Key Facts

**Degree type:** BA

**UCAS code:** L241

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

**Available with (joint honours or major):** Drama and Theatre Studies, Economics, Economic and Social History, English Literature, Film and Television Studies, French, Geography, History, Human Geography, Law, Spanish, and Welsh. See pg 46.

## Related courses:

International Politics and Intelligence Studies p123  
 International Politics and Military History p125  
 International Politics and Strategic Studies p126  
 International Politics and the Non-Western World p127  
 Politics and Modern History p119  
 Political Studies p128  
 Social Science p129

government, international organisations, non-profit and NGO sectors, and the armed forces. Other graduates pursue positions in the financial sector, industry, or teaching.



# International Politics and Intelligence Studies

International Politics and Intelligence Studies explores the secret world of 'cloak and dagger'. Questions about intelligence - its collection, use, and influence - are central to international politics and the war on terror. They are also central to politics when viewed from a longer historical perspective. At Aberystwyth, this degree is not only concerned with the history of intelligence and its contemporary uses, but also the efficacy and morality of 'covert operations'.

As well as providing you with a firm foundation in international politics, this course will help you develop an analytical foundation for the critical study of intelligence and international security. You will explore key aspects of national security policy-making, counter-terrorism, and the role of intelligence in it.

Students who study International Politics and Intelligence Studies at Aberystwyth will:

- engage with key debates about the nature of intelligence and how it is – and should be – used to inform policy-making about issues of national and international security
- learn to evaluate the benefits and limitations of secret services, including the reasons for intelligence failures and their consequences for war, peace and security
- apply historical and theoretical insights to analysing the challenges facing intelligence services in the contemporary world, including those relating to ethics and accountability

## Key Facts

**Degree type:** BA

**UCAS code:** L250

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

## Related courses:

International Politics p122

International Politics and Military History p125

International Politics and Strategic Studies p126

International Politics and the Non-Western World p127

Politics and Modern History p119

Political Studies p128

Social Science p129

## Employability

This degree scheme opens up a wide range of careers in the political and public affairs arena, such as security service officer, government research officer, public affairs consultant, social researcher, and civil service fast streamer, but would also be useful for such roles as local government officer, journalist, public relations officer, market researcher or work in the diplomatic services.





# 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. This degree at Aberystwyth provides an opportunity for an in-depth study of warfare as it has developed since the time of Napoleon, reflecting changes in society and technology.

You will also learn about how war has been studied and about the evolution of key ideas about the nature and conduct of war: the principles of war, the role of battle, the importance of leadership and the power of industry. Our focus of military history is on the nineteenth and twentieth centuries in the context of the international political world.

Students who study International Politics and Military History at Aberystwyth will:

- engage with key debates about the changing character of war and its impact on civilian populations, as well as on the variety of ways that scholars interpret military history
- learn to analyse militaries and military operations from a variety of perspectives, such as the role of leadership, the significance of strategic thought and the lessons that can be learned from battles and wars
- reflect on the relationship of wars and militaries with political institutions, economic issues and ideologies such as nationalism

## Key Facts

**Degree type:** BA

**UCAS code:** LV2H

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

## Related courses:

International Politics p122

International Politics and Intelligence Studies p123

International Politics and Strategic Studies p126

International Politics and the Non-Western World p127

Politics and Modern History p119

Political Studies p128

Social Science p129

## Employability

This degree creates opportunities for a wide range of careers in the political and public affairs arena, such as security service officer, government research officer, public affairs consultant, social researcher, and civil service fast streamer, but would also be useful for such roles as local government officer, journalist, public relations officer, market researcher and work in the diplomatic services.



# International Politics and Strategic Studies

International Politics and Strategic Studies is concerned with understanding the use of force in international relations for political purposes. The focus of this degree at Aberystwyth is on the threat and application of military force, and the prevention and conduct of war.

This degree studies contemporary strategic challenges such as the spread of weapons of mass destruction; the threat posed by global terrorism; the problem of failed states; the prospects for military intervention; the strategic implications of the War on Terror; and the possibilities of building new security regimes and common security at both a regional and global level. This degree is also about how wars might be prevented and how weapons might be controlled, including questions of disarmament and preventing or limiting the proliferation of weapons of mass destruction.

Students who study International Politics and Strategic Studies at Aberystwyth will:

- engage with key debates emerging from the work of classical and contemporary thinkers about the study of war and politics, security and strategy
- learn to analyse the issues that dominate the global strategic agenda, from the challenges of asymmetric warfare to the consequences of 9/11 and the evolution of the 'Global War on Terror'
- apply concepts and theories about the threat and use of force to a range of contemporary cases, including those where the primary purpose was to prevent conflict

## Key Facts

**Degree type:** BA

**UCAS code:** L251

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

## Related courses:

International Politics p122  
 International Politics and Intelligence Studies p123  
 International Politics and Military History p125  
 International Politics and the Non-Western World p127  
 Politics and Modern History p119  
 Political Studies p128  
 Social Science p129

## Employability

This degree creates opportunities for a wide range of careers in the political arena, such as government research officer, public affairs consultant, social researcher, and civil service fast streamer, but would also be useful for such roles as local government officer, journalist, public relations officer, market researcher and work in the diplomatic services.



# International Politics and the Non-Western World

This degree turns the 'traditional story' of international relations on its head, to ask: What does international politics look like when we view it from beyond the West? We start our thinking about global politics with our intellectual feet deliberately planted outside the powerful, prosperous and dominant West in order to bring a fresh, questioning attitude to the study of world politics.

This degree at Aberystwyth challenges the Eurocentric grand narratives of international politics by studying the interconnectedness of the West and the non-Western world(s), engaging with marginalized issues and voices. You will also study key issues and themes such as colonialism, culture, development, gender, identity, inequality, race, religion, resistance and social movements. The capacity to think about power relations from different non-Western perspectives equips you with important transferable skills such as critical analysis and writing.

Students who study International Politics and the Non-Western World at Aberystwyth will:

- engage with key debates and the work of scholars about the ways that power and inequality operate at the local, regional and global levels
- learn to analyse political issues such as governance, economic development and prosperity, and the impact of wars and efforts at post-conflict reconstruction from the perspective of peoples and states in the Global South
- 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 non-Western world

## Key Facts

**Degree type:** BA

**UCAS code:** LL30

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

## Related courses:

International Politics p122  
 International Politics and Intelligence Studies p123  
 International Politics and Military History p125  
 International Politics and Strategic Studies p126  
 Politics and Modern History p119  
 Political Studies p128  
 Social Science p129

## Employability

This degree creates opportunities for a wide range of careers in the political arena, such as government research officer, public affairs consultant, social researcher, and civil service fast streamer, but would also be useful for such roles as local government officer, journalist, public relations officer, market researcher and work in the diplomatic services, as well as in development, and with non-governmental organisations.



## Political Studies

Politics is about the ability to change lives. It is not simply about how we are governed, it is not just about politicians and governments, but also about the relationship between each one of us to others as individuals and as members of groups and organisations. Political Studies at Aberystwyth seeks to understand the inner mechanisms of politics as well as the ideas which shape our daily lives: ideas of justice, freedom, power, citizenship and the morality of political decision-making.

As well as developing your knowledge of politics, you will also be exposed to the study of international affairs. This is invaluable in a globalised world, where every local action is at least partly global as well.

Students who study Political Studies at Aberystwyth will:

- engage with key debates about fundamental issues of politics – such as good government, the state of nature and the rule of law – drawn from thinkers including Aristotle, Hobbes, Rousseau and Kant
- learn to use the tools of political theory to analyse the forms that politics and government take in different states and societies, from democratic to authoritarian
- reflect on the ways that states and societies address the political problems surrounding, for example, access to and the distribution of limited resources, the balance between order and justice, rights and opportunities

### Key Facts

**Degree type:** BA

**UCAS code:** L200

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

### Related courses:

International Politics p122

International Politics and Military History p125

International Politics and Strategic Studies p126

International Politics and the Non-Western World p127

Politics and Modern History p119

Social Science p129

### Employability

Our graduates are suited to work as a public affairs consultant (lobbyist), politician's assistant, government social research officer, social researcher or civil service fast streamer. Your skills would also be useful in the Diplomatic Service, local government, the charitable sector or in journalism as a political specialist.



## Social Science

Social Science combines knowledge from different disciplines and develops an advanced understanding of the social relations and structures, and social and psychological processes occurring in the world. At Aberystwyth, our focus is the exploration of how societies vary across space and time, having a distinctive geography and history that is reflected in a wide range of global, social, political, cultural and economic processes.

This inter-disciplinary degree will enable you to specialise in different areas of human geography, politics, psychology, and history. The degree employs a range of assessment methods, and there are opportunities to undertake social science research in overseas destinations (recently in New York and Dublin).

Students who study Social Science at Aberystwyth will:

- engage with key debates about the relationship between human agency and social and political structures
- learn a range of methods that will enable them to evaluate as well as to undertake inter-disciplinary and discipline-specific social science research projects
- apply concepts from across the social sciences to develop and deepen their understanding of the ways that human behaviour is influenced by the contexts of place, time, power and perception

### Key Facts

**Degree type:** BSc

**UCAS code:** L301

**Duration:** 3 years

**Entry requirements:** BBB with B in any subject. See page 190

**IB:** 30

**Department:** Department of International Politics

### Related courses:

History p113  
 History and Economic and Social History p114  
 Human Geography p108  
 International Politics p122  
 International Politics and Military History p125  
 International Politics and Strategic Studies p126  
 International Politics and the Non-Western World p127  
 Politics and Modern History p119  
 Political Studies p128  
 Psychology p173  
 Social Science p129

### Employability

A degree in Social Science provides our graduates with a detailed knowledge of the working of contemporary societies, which is increasingly valued by a wide range of employers. Social Science graduates are equipped to enter such fields as social work, government research and administration (from local to national and international levels), the media, teaching, the heritage sector, business and industry.



# Department of Law and Criminology



<b>Business Law</b>	<b>131</b>
<b>Criminal Law</b>	<b>132</b>
<b>Criminology</b>	<b>133</b>
<b>Criminology with Applied Psychology</b>	<b>134</b>
<b>European Law</b>	<b>135</b>
<b>Human Rights</b>	<b>136</b>
<b>Law</b>	<b>137</b>
<b>Law and Legal Practice</b>	<b>138</b>

In studying law or criminology with us, you will experience a stimulating, supportive, and rewarding environment within a department with a distinctive identity, a wealth of experience, excellent teaching and dynamic research activity, backed up by superb library and IT provisions.

All members of academic staff are active in research and publication, and many participate in national and international debate and policy-making, working with high profile organisations including the European Union, the United Nations, national governments, corporations and many non-governmental organisations. Their range of research and experiences are actively fed into your teaching. In the 2014 Research Excellence Framework 98% of our research activity was rated at internationally recognised and above.

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.

Not all law graduates become solicitors or barristers, Aberystwyth law graduates have entered careers in the civil service, social work, personnel management and accountancy, amongst others. 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. We will work with you to develop your employability skills, introduce aspirational speakers (including Aberystwyth graduates) in our weekly departmental careers sessions, and provide you with easy access to specialist careers advice. You will also have fantastic opportunities to study abroad with one of our European partner universities, offering courses through the medium of English.

## Facilities

The Department is located in the Elystan Morgan Building (named after our illustrious alumnus Lord Elystan Morgan – peer, judge and barrister) on the University's Llanbadarn campus, where we have state-of-the-art teaching and IT facilities, social areas, and our extensive library. 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 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 (see page 44).

# Business Law

The Business Law degree focuses on the fundamental relationship between law and business. It will equip you with important skills in teamwork and in written and oral communication as well as high-level analytical, problem solving and research skills. 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.

This twenty-first century degree encompasses a range of traditional and contemporary legal subjects with a specialism in business law, and will deliver the skills and competences demanded in the many career options available to you upon its successful completion. 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:

- our degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority
- Aberystwyth is home to one of the oldest and most well-regarded Law School in Wales

*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.*

## Key Facts

**Degree type:** LLB

**UCAS code:** M140

**Duration:** 3 years

**Entry requirements:** BBB  
See page 190

**IB:** 30

**Department:** Department of Law and Criminology

## Related courses:

[Criminal Law p132](#)

[Criminology p133](#)

[European Law p135](#)

[Law p137](#)

[Law and Legal Practice p138](#)

## 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.



## Criminal Law

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.

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. 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 can an individual plead drunkenness or self-defence. The module will cover all of these issues with a particular focus on the most serious offences.

Specialist opportunities at Aberystwyth for Criminal Law include:

- our degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority
- Aberystwyth is home to one of the oldest and most well-regarded Law School in Wales
- a programme of valuable social and professional opportunities organized by the Department, 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, and there is also a Welsh National Mooting Competition for students who wish to moot through the medium of Welsh

### Key Facts

**Degree type:** LLB

**UCAS code:** M131

**Duration:** 3 years

**Entry requirements:** BBB

See page 190

**IB:** 30

**Department:** Department of Law and Criminology

### Related courses:

[Business Law p131](#)

[Criminology p133](#)

[Criminology with Applied Psychology p134](#)

[European Law p135](#)

[Human Rights p136](#)

[Law p137](#)

[Law and Legal Practice p138](#)

### 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 victims and society more broadly. At Aberystwyth we often study the conflicting aspects in contemporary and historical perspectives.

You will develop a broad-based social science education coupled with a specific focus in this dynamic and developing subject. Training in the basic methods of criminological research provides you with the skills for critical evaluation of both theoretical and empirical studies within this field. This degree will provide you with an insight into criminological and criminal justice theories, including psychological, sociological, and legal approaches to the subject.

Specialist opportunities at Aberystwyth for Criminology include:

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

## Key Facts

**Degree type:** BSc

**UCAS code:** M900

**Duration:** 3 years

**Entry requirements:** BBC

See page 190

**IB:** 28

**Department:** Department of Law and Criminology

**Available with (joint honours or major):** Psychology, and Law. See pg 46.

## Related courses:

[Business Law p131](#)

[Criminal Law p132](#)

[Criminology with Applied Psychology p134](#)

[European Law p135](#)

[Human Rights p136](#)

[Law p137](#)

## 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.



## Criminology with Applied Psychology

Criminology with Applied Psychology places greater emphasis upon studying individual aspects of offending behaviour. At Aberystwyth, you are introduced to basic psychological principles, to a broad spectrum of criminological theories, and psychology in relation to offenders 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. This course is aimed at those students who would like to gain a deeper understanding of the more behavioural aspects of crime and offending.

Specialist opportunities at Aberystwyth for Criminology with Applied Psychology include:

- the opportunity to undertake work experience in one of the criminal justice agencies, which will greatly increase your employability upon graduation
- 93% of our psychology graduates were in employment or further study 6 months after graduating, a 3% increase on the previous year (DLHE 2014). This increase reflects our investment in innovative and strategic student-focused employability initiatives which encompass all our academic Institutes and which we firmly believe are likely to improve our employability ratings still further

### Key Facts

**Degree type:** BSc

**UCAS code:** M9C8

**Duration:** 3 years

**Entry requirements:** BBC

See page 190

**IB:** 28

**Department:** Department of Law and Criminology

### Related courses:

[Business Law p131](#)

[Criminal Law p132](#)

[Criminology p133](#)

[European Law p135](#)

[Human Rights p136](#)

[Law p137](#)

### 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.



## European Law

At Aberystwyth, you will study the fundamentals of law that include Contract, Legal Systems, and Criminal Law whilst also exploring European Law, International Law and other modules from a European perspective.

It is impossible now to gain a reasonable understanding of the law and legal system of the UK without some knowledge of European Law. This scheme covers the development, and principal features, of the European Union's legal regime and the framework of the Council of Europe's Conventions, and considers the inter-relationship of these regimes. The processes of law-making; implementation and enforcement of EU law and policy; legal accountability of EU institutions; relationship between the EU and national systems, together with important areas of the substantive EU law are all be considered.

Specialist opportunities at Aberystwyth for European Law include:

- our degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority
- Aberystwyth is home to one of the oldest and most well-regarded Law School 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

**Entry requirements:** BBB  
See page 190

**IB:** 30

**Department:** Department of Law and Criminology

### Related courses:

[Business Law p131](#)

[Criminal Law p132](#)

[Criminology p133](#)

[Criminology with Applied Psychology p134](#)

[Human Rights p136](#)

[Law p137](#)

### 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 specialised area of law is of crucial importance. In addition, recent statistics from HESA (Higher Education Statistics Agency) show that law 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.



## Human Rights

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

This scheme considers what human rights are and how the law protects them. Theories of human rights are considered, which lays the basis for understanding concepts upon which human rights are built and tested against international and national legal provisions. This scheme also addresses substantive topics affecting an individual's rights and freedoms relative to those of other individuals and the power of the state.

Specialist opportunities at Aberystwyth for Human Rights include:

- our degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority
- Aberystwyth is home to one of the oldest and most well-regarded Law School in Wales
- as well as being active in research and publication, our lecturers also 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

**Entry requirements:** BBB

See page 190

**IB:** 30

**Department:** Department of Law and Criminology

### Related courses:

[Business Law p131](#)

[Criminal Law p132](#)

[Criminology p133](#)

[Criminology with Applied Psychology p134](#)

[European Law p135](#)

[Law p137](#)

[Law and Legal Practice p138](#)

### 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.



## Law

In a modern, democratic society, the Law exists - or should exist - to ensure justice between citizen and citizen, citizen and corporation, corporation and corporation, and between citizen, corporation and the state. Studying law therefore not only involves an examination of what the law is and how it functions, but an examination of relations of justice and injustice within society.

Specialist opportunities at Aberystwyth for Law include:

- our degree is recognised by the Bar Standards Board and the Solicitors Regulation Authority
- Aberystwyth is home to one of the oldest and most well-regarded Law School in Wales
- Aberystwyth University Mooting Society is open to all students of the Department of Law and Criminology. 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

### Employability

Our degrees 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. Recent graduates are succeeding in criminology, financial management, business, human resources, international relations, journalism and education. Throughout your

### Key Facts

**Degree type:** LLB/BA

**UCAS code:** M100/M103

**Duration:** 3 years

**Entry requirements:** BBB  
See page 190

**IB:** 30

**Department:** Department of Law and Criminology

**Available with (major): BA** - Business and Management, Criminology, French, German, International Politics, Mathematics, Politics, Spanish, and Welsh. See pg 46.

**LLB** - French, German, and Spanish. See pg 46.

### Related courses:

[Business Law](#) p131

[Criminal Law](#) p132

[Criminology](#) p133

[Criminology with Applied Psychology](#) p134

[Human Rights](#) p136

[European Law](#) p135

[Law and Legal Practice](#) p138

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.**



## ■ Law and Legal Practice (MLaw) \*subject to approval

This new degree is designed so that students can combine a qualifying law degree with a professional qualification, allowing them to enter the legal profession at trainee solicitor level upon successful graduation.

The Solicitors' Regulation Authority (SRA) training regulations recognise this scheme as one way of satisfying the academic and vocational stage of qualifying as a solicitor, by combining a three-year law degree with the one-year LPC (Legal Practice Course). On successful completion graduates may go straight into a law firm, or other appropriate legal organisation, as a trainee solicitor (subject to obtaining a training contract).

The funding arrangements for this scheme are very attractive indeed. Currently, to undertake an LPC as a stand-alone 1-year postgraduate course, students must rely on private funding. However, MLaw students may apply for undergraduate funding for tuition fee loans, grants and maintenance loans to cover the full four years study.

Specialist opportunities at Aberystwyth for Law and Legal Practice include:

- Aberystwyth is home to one of the oldest and most well-regarded Law School in Wales and is currently one of only 5 institutions in the UK offering this degree
- staying in one place to complete your degree and Legal Practice Course
- being taught by experienced and qualified staff, many of whom were solicitors in the specialist areas of the Legal Practice elements of this course
- qualifying to commence work as a trainee solicitor in practice, upon successful completion of the degree

### Key Facts

**Degree type:** MLaw

**UCAS code:** P9T3

**Duration:** 4 years

**Entry requirements:** BBB

See page 190

**IB:** 30

**Department:** Department of Law and Criminology

### 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 p46

### Related courses:

[Business Law p131](#)

[Criminal Law p132](#)

[Human Rights p136](#)

[European Law p135](#)

[Law p137](#)

### Employability

The Solicitors' Regulation Authority (SRA) training regulations recognise an integrated law degree such as this as one way of satisfying the academic and vocational stage of qualifying as a solicitor. Therefore, on successful completion of this degree graduates may go straight into a law firm, or other appropriate legal organisation as a trainee solicitor, subject to obtaining a training contract.



# School of Management and Business

<b>Accounting and Finance</b>	<b>140</b>
<b>Adventure Tourism Management</b>	<b>141</b>
<b>Business and Management</b>	<b>142</b>
<b>Business Economics</b>	<b>143</b>
<b>Business Finance</b>	<b>144</b>
<b>Economics</b>	<b>145</b>
<b>Marketing</b>	<b>146</b>
<b>Tourism Management</b>	<b>147</b>

The School of Management and Business (SMB) has an excellent reputation for the quality of its teaching, learning environment and the cultural experience it offers its students. Our exciting and workplace-relevant degree schemes, in which we emphasise small-group teaching, are highly regarded by both students and employers.

Our staff are actively engaged in academic and policy-oriented research and consulting. Many 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.

Our degree schemes attract recognition from a range of professional bodies; for example the ACCA, CII, CIM, CIMA, CIPFA and ICAEW. This allows you to gain exemptions from your examinations and achieve professional qualifications earlier. Our programmes are supported by visiting speakers who also bring their professional experience to the classroom.

Our graduates are able to find interesting, well-paid work straight after graduation. To help you develop your talents further, all students participate in the School's Professional Futures programme. This programme allows the identification of key skills and the development of

competencies essential for you to progress into, and excel within, your chosen career. You are encouraged to participate in the University's Year in Employment Scheme (YES - see page 8). Students have been employed for the year by a number of companies including KPMG, Deloitte, Nielsen, Boots, Airbus, Corus, Hewlett Packard, IBM, L'Oreal, regulators (OFGEM and OFWAT), local authorities, HM Treasury and various National Health Trusts to name a few. Evidence shows that successfully completing the YES will make you more employable. The average starting salary of Aberystwyth graduates, who had participated in the YES scheme, was at least £2,500 more than those who had not participated in the scheme.

## Facilities

The School is located at the Llanbadarn Centre that provides you with state-of-the-art teaching and IT facilities. The School also has its own dedicated library based in the Thomas Parry Building. When you are not in class there are vibrant social spaces with Wi-Fi connectivity and there is a catering outlet serving a full range of hot food, cold snacks and drinks. The Llanbadarn Centre provides you with an inspiring site, where along with fellow students and staff, you can thrive in a fantastic and inter-disciplinary learning environment whilst enjoying the stimulating and beautiful location.

## 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, management and marketing. These courses are eligible for the Coleg Cymraeg Cenedlaethol's Incentive Scholarships (see page 44). You can study some modules in accounting, economics and finance through the medium of Welsh. For further information contact the School.

# Accounting and Finance

Accounting and Finance is concerned with the measurement and disclosure of financial information, and when you choose to study at Aberystwyth you'll focus principally on financial accounting, management accounting with general finance dovetailed throughout the programme.

You'll develop a broad understanding of the operational context and the impact financial measurement and disclosure has on cash-flow, internal policy, and management systems. The scheme will enable you to develop an understanding of how financial data may be used in order to inform and influence managers, investors and decision makers; and how the presentation of financial information can impact on the longevity (and profitability/sustainability) of a company or public sector organisation.

Specialist opportunities at Aberystwyth for Accounting and Finance include:

- professional exemptions from all the UK professional accounting bodies examinations
- joining our Investment Society to participate in a Wales and Ireland universities trading competition, won by Aberystwyth students in the most recent competition
- studying and working within an internationally diverse cohort

### 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,

### Key Facts

**Degree type:** BSc

**UCAS code:** N400

**Duration:** 3 years

**Entry requirements:** BBB

See page 190

**IB:** 26

**Department:** School of Management and Business

**Available with (joint honours or major):** Economics, Spanish, Computer Science, French, Management, Marketing, Mathematics, Law, and Statistics. See pg 46.

### Related courses:

[Adventure Tourism Management p141](#)  
[Business and Management p142](#)  
[Business Economics p143](#)  
[Business Finance p144](#)  
[Economics p145](#)  
[Marketing p146](#)  
[Tourism Management p147](#)

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 the big four, our most recent graduates have found employment with other well-known organisations such as the BBC, Lidl, Barclays, NHS to name just a few.



# Adventure Tourism Management

One of the fastest growing sectors of the tourism industry is adventure tourism. This sector is particularly important for Wales, with 2016 designated the Year of Adventure by Visit Wales.

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

**Entry requirements:** BBC  
See page 190

**IB:** 25

**Department:** School of Management and Business

## Related courses:

[Accounting and Finance p140](#)  
[Business and Management p142](#)  
[Business Economics p143](#)  
[Business Finance p144](#)  
[Economics p145](#)  
[Marketing p146](#)  
[Tourism Management p147](#)

## 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 and Management

The Business and Management degree covers all the essential elements in business and management including human resource management, organisational behaviour, business strategy, business and management. In choosing to study this degree at Aberystwyth, you will focus on the world of enterprise and 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.

You will develop a broad understanding of management in practice, and how it is relevant to business, trade and commerce in both the public and private sectors. Your studies will involve you in activities that 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'.

Specialist opportunities at Aberystwyth for Business and Management include:

- a residential course in Gregynog mansion, Mid Wales to develop your team building and leadership skills
- working with business in the local community and further afield, to develop your practitioner skills to support your academic development
- your lecturers on the degree have a wide range of business and management experience and research interests which are fed into your learning

## Key Facts

**Degree type:** BSc

**UCAS code:** N122

**Duration:** 3 years

**Entry requirements:** BBC  
See page 190

**IB:** 25

**Department:** School of Management and Business

**Available with (joint honours or major):** Computer Science, Economic and Social History, German, International Politics, Law, Mathematics, Politics, Spanish, and Welsh. See pg 46.

## Related courses:

[Accounting and Finance p140](#)  
[Adventure Tourism Management p141](#)  
[Business Economics p143](#)  
[Business Finance p144](#)  
[Economics p145](#)  
[Marketing p146](#)  
[Tourism Management p147](#)

## Employability

A degree in Business and Management will enable you to select from a diversity 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 multinational companies such as Goldman Sachs, Pricewaterhouse Coopers, Marks and Spencer and the Welsh Government.



# 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:

- research-led teaching highly motivated and 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 skills, numerical skills, data analysis skills, and problem solving skills designed to help you develop and enhance transferable skills like effective communication, IT applications, specialist statistical software, effective time management, team skills and independent research skills
- extra-curricular opportunities stemming from economics student society, such as events, personal development plans, departmental seminars, talks, study trips and business competitions

## Key Facts

**Degree type:** BSc

**UCAS code:** L113

**Duration:** 3 years

**Entry requirements:** BBB  
See page 190

**IB:** 26

**Department:** School of Management and Business

**Available with (joint honours or major):** Computer Science. See pg 46.

## Related courses:

[Accounting and Finance p140](#)  
[Adventure Tourism Management p141](#)  
[Business and Management p142](#)  
[Business Finance p144](#)  
[Economics p145](#)  
[Marketing p146](#)  
[Tourism Management p147](#)

## 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

A degree in Business Finance allows you to study in-depth the financial, economic, market and organisation contexts of business. It focuses on the diverse world of finance and the various factors, which 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 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.

Specialist opportunities at Aberystwyth for Business Finance include:

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

### Employability

Employment opportunities for graduates with a degree in Business Finance are very strong. You could work in areas such as retail and investment banking, management consulting, tax planning, and a significant amount of our graduates enter graduate finance training schemes from numerous graduate level employers; graduates quickly find employment with popular UK and multi-national business finance organisations.

### Key Facts

**Degree type:** BSc

**UCAS code:** N310

**Duration:** 3 years

**Entry requirements:** BBB  
See page 190

**IB:** 26

**Department:** School of Management and Business

### Related courses:

Accounting and Finance p140  
Adventure Tourism Management p141  
Business and Management p142  
Business Economics p143  
Economics p145  
Marketing p146  
Tourism Management p147



# Economics

Economics may be understood as the study of 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 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.

As an Economics student at Aberystwyth you will develop valuable analytical skills, numerical skills, data analysis skills, and problem-solving skills, which will allow you to understand how people, businesses, institutions and governments make decisions, and the implications of such decisions for individuals and society at large.

Students studying Economics at Aberystwyth will enjoy:

- research-led teaching highly motivated and 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 skills, numerical skills, data analysis skills, and problem solving skills designed to help you develop and enhance transferable skills like effective communication, IT applications, specialist statistical software, effective time management, team skills and independent research skills
- extra-curricular opportunities stemming from economics student society, such as events, personal development plans, departmental seminars, talks, study trips and business competitions

## Key Facts

**Degree type:** BSc

**UCAS code:** L100

**Duration:** 3 years

**Entry requirements:** BBB  
See page 190

**IB:** 26

**Department:** School of Management and Business

**Available with (joint honours or major):** Accounting and Finance, Marketing, Economic and Social History, Human Geography, International Politics, Law, Management, Mathematics, and Politics. See pg 46.

## Related courses:

[Accounting and Finance p140](#)  
[Adventure Tourism Management p141](#)  
[Business and Management p142](#)  
[Business Economics p143](#)  
[Business Finance p144](#)  
[Marketing p146](#)  
[Tourism Management p147](#)

## 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. Many have also pursued research and further studies in higher education.



# Marketing

Combining creativity and science Marketing seeks to identify, create, and deliver value to a constituent audience in a profitable manner for the organisation. At Aberystwyth, we focus on developing your skills and knowledge in strategic and operational aspects of contemporary marketing that include branding, communications, relationships, consumptive behavior, 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. You will develop a comprehensive understanding of marketing and how it inter-relates with other business practice.

★ **Our applied approach to marketing has seen our students win “The Pitch/Brollo”, a prestigious Chartered Institute of Marketing competition three of the last four years.**

Specialist opportunities at Aberystwyth for Marketing include :

- exemption from professional qualifications offered by the Chartered Institute of Marketing (CIM)
- access to the Aberystwyth CIM student chapter

### 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.

### Key Facts

**Degree type:** BSc

**UCAS code:** N500

**Duration:** 3 years

**Entry requirements:** BBC  
See page 190

**IB:** 25

**Department:** School of Management and Business

**Available with (joint honours or major):** Accounting and Finance, Economics, International Politics, Law, Management, and Spanish. See pg 46.

### Related courses:

Accounting and Finance p140  
Adventure Tourism Management p141  
Business and Management p142  
Business Economics p143  
Business Finance p144  
Economics p145  
Tourism Management p147



# Tourism Management

Tourism is reputed to be the world's biggest industry. Tourism Management in-depth study of the UK and international tourism industry with the development of business knowledge. At Aberystwyth the scheme emphasises increasingly important forms of tourism such as adventure tourism, sustainable tourism and ecotourism.

At all times the scheme emphasises realism and relevance, which is enhanced by the use of field visits and guest speakers from the local tourism industry. On this scheme you will undertake two residential study tours. The second year 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.

Specialist opportunities at Aberystwyth for Tourism Management include:

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

## Key Facts

**Degree type:** BSc

**UCAS code:** N800

**Duration:** 3 years

**Entry requirements:** BBC  
See page 190

**IB:** 25

**Department:** School of Management and Business

**Available with (joint honours or major):** French, or Spanish. See pg 46.

## Related courses:

Accounting and Finance p140  
Adventure Tourism Management p141  
Business and Management p142  
Business Economics p143  
Business Finance p144  
Economics p145  
Marketing p146

## 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.

*A buzzing tourist town, Aberystwyth seafront and the area offers many local facilities and attractions that are ideal for the study of tourism management*



# Department of Mathematics

<b>Financial Mathematics</b>	<b>150</b>
<b>Mathematics</b>	<b>151</b>

At Aberystwyth you will be taught by lecturers who love mathematics, who are here to help you achieve your full potential, and are leaders in their research fields encompassing pure mathematics, applied mathematics, and statistics. When the University opened its doors to students in 1872, one of the first two professors appointed was in mathematics, and the subject has been taught at Aberystwyth since that time.

The Department is compact enough to take a personal interest in its students. We take the view that active research feeds teaching enthusiasm; describing problems of current interest makes our students feel that they are reaching the frontiers of the subject, giving a sense of achievement and stimulating interest in further study.

In the 2014 Research Excellence Framework, all of the Department's research was judged to be internationally competitive. Our staff expertise in research covers a broad range of mathematics, including operator algebras, solid and fluid mechanics, and quantum mechanics.

Career opportunities exist in an increasingly wide variety of fields: the demand for numeracy and problem-solving skills is growing in all occupations, and mathematicians have a head start. Many Aberystwyth graduates are employed in industry, engineering, government, in the general area of information technology, the scientific Civil Service, and a substantial number find employment in commerce – in accountancy or merchant banking, for instance - or in teaching. Some mathematics graduates use their degree as a springboard to further study (usually for a PhD, MSc or PGCE).

## Facilities

In addition to the University's main facilities, there is an extensive mathematics section in the Physical Sciences Library located within the Department's building, powerful supercomputers and advanced visualisation graphics systems. There are over 300 study spaces within the Physical Sciences Building distributed across the library, computer workstations and laboratories.

## Studying through the medium of Welsh

The Department has a long tradition of supporting our students to study mathematics through the medium of Welsh. The aim of the provision is 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 modules are offered completely through the medium of Welsh. Our provision receives support from the Coleg Cymraeg Cenedlaethol, which offers Incentive Scholarships to study mathematics through the medium of Welsh (see page 44). For more information see [www.aber.ac.uk/cy/mathswelshmedium](http://www.aber.ac.uk/cy/mathswelshmedium)

## Our degree schemes

Our mathematics courses are accredited by the Institute for 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.

All of our degree schemes presuppose competence in calculus and algebra, but no specific knowledge of either statistics or applied mathematics. 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 for high calibre applicants, for further information see the website, or contact the Department.



# Financial Mathematics

The Financial Mathematics degree has been established in response to an increasing demand from the financial sector for graduates with a mathematical background.

The mathematical core of this bespoke degree will teach you key skills including algebra, calculus and geometry. In addition, you will study mathematics in a financial context, and gain a solid understanding of the principles of economics, and of financial accounting and management.

This course is accredited by the Institute for 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 taught in newly refurbished lecture theatres with multi-media capabilities
- 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 and statistics

## Employability

Financial Mathematics will put you in a position to fulfil an increasing demand in the financial sector for graduates with a solid understanding of mathematics. In addition, during your time at Aberystwyth you will be given a number of opportunities to enhance your employability or gain valuable work experience. The Financial Mathematics degree is excellent preparation for a career in accountancy, consultancy, financial services, the civil service and insurance.

## Key Facts

**Degree type:** BSc

**UCAS code:** G1N3

**Duration:** 3 years

**Entry requirements:** ABC with A in Maths or BBB with B in Maths.  
See page 190

**IB:** 28-30 with 4/5 in Higher Level Mathematics

**Department:** Department of Mathematics

## Related courses:

[Accounting and Finance p140](#)

[Business Finance p144](#)

[Data Science p91](#)

[Mathematics p151](#)



# Mathematics

Mathematics is a subject that 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.

Over the first two years of the course you will be given a broad introduction to the mathematics that the Department believes should be known by a mathematics graduate, including advanced algebra and calculus, geometry, and mathematical analysis. In your final year you will be able to choose from a wide range of modules that reflect the broad research interests of our lecturers.

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 for Mathematics and its Applications, the UK's learned and professional society for mathematics and its applications
- be taught in newly refurbished lecture theatres with multi-media capabilities
- be taught by experts in their fields, at the forefront of research in mathematics and statistics

## Employability

A degree in Mathematics will prepare you for career options where specialist numerical skills, problem solving skills, clear logical and analytical thought processes and capacity are in high demand. These include working for organisations such as the Office of National Statistics and the Meteorological Office, in accountancy and banking, financial management, investment analysis and information technology.

**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.**

## Key Facts

**Degree type:** BSc / MMath

**UCAS code:** G100 / G103

**Duration:** 3 years / 4 years

### Entry requirements:

**BSc** - ABC with A in Maths or BBB with B in Maths.

**MMath** - AAB with A in Maths.  
See page 190

**IB: BSc** - 28-30 with 4/5 points in Higher Level Mathematics

**MMath** - 34 with 6 points in Higher Level Mathematics

**Department:** Department of Mathematics

### Available with (joint honours or 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. See pg 46.

### Related courses:

Data Science p91

Financial Mathematics p150

Mathematical and Theoretical Physics p162, p168

**The Mathematics MMath (G103) degree includes a fourth year to be taken after the three years of the G100 course, during which you would gain a deeper understanding of the subject through supervised project work and specialised modules at Master's level.**

**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).**



# Department of Modern Languages

<b>European Languages</b>	<b>153</b>
<b>French</b>	<b>154</b>
<b>Liberal Arts</b>	<b>155, 158</b>
<b>Modern German Studies</b>	<b>156</b>
<b>Romance Languages</b>	<b>157</b>

Studying languages at Aberystwyth means entering an exciting multilingual, multicultural, but also close-knit and caring community. 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 make use of your language skills beyond the classroom. The year abroad is a highlight of our schemes, giving you the opportunity to broaden your horizons, have incredible experiences and grow as an individual, while also acquiring intercultural competences that will be invaluable to employers in today's global workplace.

The Department teaches French, German, Spanish and Italian offering you an attractive range of degree schemes. All four languages are available both at beginner and advanced level. French, German and Spanish are available in combination with a range of other subjects and Italian is available as part of R900 European Languages and Q990 Romance Languages.

We attach great importance to the practical study of both written and spoken language, and in addition we offer a range of cultural, literary and linguistic modules. Next to traditional lectures and seminars, we also employ technologies such as CAL (computer-assisted learning), and all students have regular oral classes with native speakers. The Department has excellent staff-student relations and class sizes are small in comparison with those found in many universities.

Graduates with a degree in modern languages are in demand. You will have a major advantage over other graduates: you will have lived independently in at least one foreign country and will have learnt the important social skill of communicating with other people from different cultural backgrounds. Employers value this independence, this confidence and these communication skills highly. Our graduates are employed both in the public and private sectors. They have gone on to become teachers, translators, administrators, managers, army officers, journalists and solicitors, amongst other things.

## Facilities

We offer outstanding facilities, including exceptionally well-equipped language laboratories with state-of-the-art computing and video recording equipment, together with a wide range of audiovisual materials. We receive live television broadcasts from Europe, and foreign newspapers and magazines are available in the Department. Each language has an active student society.

## Your year abroad

All students studying a language to honours level normally spend one academic year (usually the third) in the country of the language which they are studying. You should therefore, before entry to the University, apply to your local education authority for a four-year loan.

Students studying two languages will normally divide their time abroad equally between higher education institutions in two countries. Students of one language 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. Assistantships are also open to students who are studying two languages. For those wanting to teach English abroad, the University offers a 'Teaching English as a Foreign Language' (TEFL) module designed to provide initial training in teaching English to speakers of other languages.

## 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 understanding of culture and literature. The schemes for beginners follow a similar pattern, consisting of an intensive language module and a general introduction to European civilization and culture. 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 in various single and joint honours and major/minor schemes. Joint honours students take either two languages or one language and another subject. During your year abroad you will either write a dissertation in the target language, which counts towards your final degree result, or you bring back marks from the university at which you studied.

## European Languages

European Languages combines the study of three languages from French, Italian, German, and Spanish. Aberystwyth is one of a handful of universities in the UK to offer students the opportunity to study three languages in combination. At Aberystwyth, this degree involves the study of two of the languages at a major level and the study of the third at a minor level. You will not only gain a practical knowledge of and fluency in three European languages, but will also learn to understand the position of these languages in a wider European context.

The third year of this degree scheme will be spent abroad, with the time usually split between the two countries of your major languages to make possible total immersion in more than one language and culture.

Specialist opportunities at Aberystwyth for European Languages students include :

- studying a wide range of specialised modules in literature, culture and linguistics
- spending the third year abroad will give you the opportunity to live and study in the countries where your major languages are spoken
- consolidating the skills you developed on the year abroad. You will employ a complex range of vocabulary and registers, preparing you for employment using the relevant language

*The University's language laboratory offers you excellent facilities to intensively practise your linguistic skills. Based upon computer-aided learning packages, a wide variety of languages are available including German, French, Italian, Spanish, Welsh and English.*

### Key Facts

**Degree type:** BA

**UCAS code:** R900

**Duration:** 4 years

**Entry requirements:** BBC with B in a relevant Modern Language (unless to be studied as a beginner). See page 190

**IB:** 28 with 5 points in Higher Level Language (unless to be studied as a beginner)

**Department:** Department of Modern Languages

### Related courses:

French p154

Liberal Arts p155, p158

Modern German Studies p156

Romance Languages p157

### Employability

Modern linguists are statistically amongst the most employable graduates. Many of our students go on to teach the languages they themselves have learned and a high proportion of our graduates go into administrative and managerial posts. This degree opens the door to many professions in Britain, such as the civil service, tourism, social work, librarianship, publishing and broadcasting, and our degrees also take our students across the world.



## French \*subject to approval

Studying for a single honours degree in French at Aberystwyth provides you with the opportunity not only to pursue French language to an advanced level, but also to gain an in-depth knowledge of French literature, culture and linguistics. This degree is ideal for those who have established wide-ranging interests in the French-speaking world.

There is a wide range of expertise available within our Department and this is reflected in the module choices we offer. We have modules on linguistics (both modern and historical); dialectology (the study of different forms of French, past and present); literature; the history of ideas and of artistic movements; the relationship between Paris and the regions and travel literature.

You will spend the third year of your degree living independently in a French-speaking country.

Specialist opportunities at Aberystwyth for single honours French students include :

- a comprehensive first year introduction to French studies and related research skills, in tutorial form
- a wide range of options available for the year abroad: study at a university, work as a language assistant, or other forms of work placement
- the opportunity to work with leading academics on your chosen topic for the compulsory final year dissertation

### Key Facts

**Degree type:** BA

**UCAS code:** R120

**Duration:** 4 years

**Entry requirements:** BBC with B in French (unless to be studied as a beginner). See page 190

**IB:** 28 with 5 points in Higher Level French (unless to be studied as a beginner)

**Department:** Department of Modern Languages

### Related courses:

European Languages p153

Modern German Studies p156

Romance Languages p157

### Employability

Modern linguists are statistically amongst the most employable graduates. Many of our students go on to teach the languages they themselves have learned and a high proportion of our graduates go into administrative and managerial posts. This degree opens the door to many professions in Britain, such as the civil service, tourism, social work, librarianship, publishing and broadcasting, and our degrees also take our students across the world.

**This degree is available both for beginners and advanced students. Beginners follow an intensive course in the first year.**



## Liberal Arts \*subject to approval

Our Liberal Arts degree enables you to study a range of subjects across the Arts and Humanities. Studies on this programme go beyond the usual single subject or joint subject range, while at the same time highlighting the scope given for tailoring a personal degree-pathway for yourself. The essence of the Liberal Arts scheme is to encourage you to develop open-mindedness, flexibility, and innovative approaches to present-day problems and issues.

You will choose a broad range of options from across six thematic areas, one of which you will elect as your area of major focus, at the beginning of your second year. The six thematic areas are: Exploring the Past; Languages; Literary Cultures; Media Cultures; Theatre and Performance; and Visual Cultures.

Your tutors will be based in the departments of English and Creative Writing, History and Welsh History, Welsh and Celtic Studies, the School of Art, and Theatre, Film and Television Studies, and the Liberal Arts programme is hosted by the Department of Modern Languages.

Specialist opportunities for Liberal Arts students at Aberystwyth include:

- emphasis on developing your abilities as a writer, thinker, and presenter
- emphasis on 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
- emphasis on understanding how the cultural and historical foundations of our contemporary world influence its potential presents and futures

### Key Facts

**Degree type:** BA

**UCAS code:** W4A1

**Duration:** 3 years

**Entry requirements:** BBB-AAB  
See page 190

**IB:** 30-34

**Department:** Department of  
Modern Languages

### Related courses:

Art History p52  
Celtic Studies p182  
Creative Writing p101  
Drama and Theatre Studies p176  
English Literature p102  
European Languages p153  
Film and Television Studies p177  
Fine Art p54  
French p154  
History p113  
Liberal Arts p158  
Modern German Studies p156  
Romance Languages p157  
Welsh p183

### Employability

In an era in which working practices and professional opportunities are rapidly changing, the open-mindedness, flexibility, and innovative thinking fostered by this degree programme are attractive to potential employers. That is one of several good reasons why the provision of liberal arts programmes has expanded significantly in the UK during the past few years.



## ■ Modern German Studies

This interdisciplinary degree scheme will appeal to students who not only wish to acquire a high level of German, but who also wish to achieve a greater understanding of the history and culture of German-speaking countries; it is ideal for those who have established wide-ranging interests in the modern German-speaking world. At Aberystwyth, as well as core modules in the German language and modern German history, the course includes modules on German linguistics, modern literature, film, politics and cultural studies.

You will spend the third year of your degree living independently in a German-speaking country.

Specialist opportunities at Aberystwyth for Modern German Studies include:

- an integrated interdisciplinary learning programme
- studying with internationally recognised experts of the history of Holocaust and of the Kindertransport
- a wide range of options available for the year abroad: study at a university, work as a language assistant, or other forms of work placement

Key Facts
<b>Degree type:</b> BA
<b>UCAS code:</b> R200
<b>Duration:</b> 4 years
<b>Entry requirements:</b> BBC with B in German (unless to be studied as a beginner). See page 190
<b>IB:</b> 28 with 5 points in Higher Level German (unless to be studied as a beginner)
<b>Department:</b> Department of Modern Languages

### Related courses:

European Languages p153

French p154

Romance Languages p157

### Employability

Modern linguists are statistically amongst the most employable graduates. Many of our students go on to teach the languages they themselves have learned and a high proportion of our graduates go into administrative and managerial posts. This degree opens the door to many professions in Britain, such as the civil service, tourism, social work, librarianship, publishing and broadcasting, and our degrees also take our students across the world.

**This degree is available both for beginners and advanced students. Beginners follow an intensive course in the first year.**



# Romance Languages

Romance Languages at Aberystwyth involves being exposed to up to three Romance languages; French, Spanish and Italian. By comparing the common roots of the languages you will enhance your language skills and acquire a deeper understanding of literature and culture.

On this degree you will have the option to choose either one or two of the languages at a beginners' level. You are encouraged to find and explore comparisons between the languages, and to reflect on the relationships between different languages of the same family.

Specialist opportunities at Aberystwyth for Romance Languages students include:

- studying at the only university in the UK to offer students the opportunity to study three languages as major languages and in combination
- studying a core specialist module for the comparative study of Romance languages
- spending the third year of your studies abroad. This will give you the opportunity to live and study in the countries where your major languages are spoken
- consolidating the skills you developed on the year abroad. You will employ a complex range of vocabulary and registers, preparing you for employment using the relevant language

## Key Facts

**Degree type:** BA

**UCAS code:** Q990

**Duration:** 4 years

**Entry requirements:** BBC with B in a relevant language (unless to be studied as a beginner).  
See page 190

**IB:** 28 with 5 points in Higher Level Language (unless to be studied as a beginner)

**Department:** Department of Modern Languages

## Related courses:

European Languages p153

French p154

Modern German Studies p156

## Employability

Modern linguists are statistically amongst the most employable graduates. Many of our students go on to teach the languages they themselves have learned and a high proportion of our graduates go into administrative and managerial posts. This degree opens the door to many professions in Britain, such as the civil service, tourism, social work, librarianship, publishing and broadcasting, and our degrees also take our students across the world.



## ■ Liberal Arts \*subject to approval

This is an Integrated Masters degree, which means you enrol as an undergraduate, and graduate with a Master's level qualification after four years. The first three years are the same as for the BA Liberal Arts degree. In the fourth year you take a research-training module and write an interdisciplinary research project, as well as doing further work within and beyond your chosen thematic area.

The essence of the Liberal Arts scheme is to encourage the development of open-mindedness and flexibility, leading to innovative approaches to present-day problems and issues. The programme enables you to study a range of subjects across the Arts and Humanities. The word 'liberal' in the degree title also highlights the scope given for tailoring a personal degree-pathway for yourself.

The core modules of this scheme identify and foster your transferable skills in thinking, writing, and presenting ideas effectively. You will choose a broad range of options from across six thematic areas, one of which you will elect as your area of major focus, at the beginning of your second year. The six thematic areas are: Exploring the Past; Languages; Literary Cultures; Media Cultures; Theatre and Performance; and Visual Cultures.

Specialist opportunities for Liberal Arts students at Aberystwyth include emphasis on:

- developing your abilities as a writer, thinker, and 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
- understanding how the cultural and historical foundations of our contemporary world influence its potential presents and futures

### Key Facts

**Degree type:** MLibArts

**UCAS code:** W4A2

**Duration:** 4 years

**Entry requirements:** BBB-AAB  
See page 190

**IB:** 30-34

**Department:** Department of  
Modern Languages

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 p46

### Related courses:

French p154

Liberal Arts p155

Modern German Studies p156

Romance Languages p157

### Further Study and Employability

The Masters qualification will provide you with an excellent basis for undertaking further academic study and progressing to MPhil or PhD level. In an era in which working practices and professional opportunities are rapidly changing, the open-mindedness, flexibility, and innovative thinking fostered by this degree programme are attractive to potential employers. That is one of several good reasons why the provision of Liberal Arts programmes has expanded significantly in the UK during the past few years.



# Department of Physics



<b>Astrophysics</b>	<b>160, 166</b>
<b>Engineering Physics</b>	<b>161, 167</b>
<b>Mathematical and Theoretical Physics</b>	<b>162, 168</b>
<b>Physics</b>	<b>163, 169</b>
<b>Physics with Planetary and Space Physics</b>	<b>164, 170</b>
<b>Space Science and Robotics</b>	<b>165, 171</b>

When you study Physics at Aberystwyth, you will enjoy 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. 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 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.

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.

## Facilities

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.

## 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 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 modules are offered completely through the medium of Welsh. Our provision receives support from the Coleg Cymraeg Cenedlaethol, which offers Incentive Scholarships to study physics through the medium of Welsh (see page 44).

## Additional opportunities

MPhys students studying Physics with Planetary and Space Physics in their final year have the option 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.

# 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

## Key Facts

**Degree type:** BSc

**UCAS code:** F510

**Duration:** 3 years

**Entry requirements:** BBC with B in Physics and Mathematics. See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

## Related courses:

Astrophysics p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

## Employability

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.



## Engineering Physics \*subject to approval

Engineering Physics is the application of physical principles and techniques to engineering and technology. This degree provides the knowledge and skills of a physics training that are required for producing engineering solutions in real-world situations.

This course has a strong practical and 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.

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

### Key Facts

**Degree type:** BSc

**UCAS code:** 179H

**Duration:** 3 or 4 years

**Entry requirements:** BBC with B in Physics and Mathematics. See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

### Related courses:

Astrophysics p160, p166

Data Science p91

Engineering Physics p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Software Engineering p93, p95

Space Science and Robotics p165, p171

Systems and Control Engineering p94

### Employability

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.



# 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

## Employability

This degree is designed to cultivate transferable skills, including numeracy, problem-solving, reasoning, analysing data, organisational skills, teamwork and communication skills, to ensure that our graduates are attractive to employers in a wide range of fields.

## Key Facts

**Degree type:** BSc

**UCAS code:** F340

**Duration:** 3 years

**Entry requirements:** ABC with A in Mathematics and B in Physics, or BBB with B in Mathematics and B in Physics. See page 190

**IB:** 28-30 with 4/5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

## Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

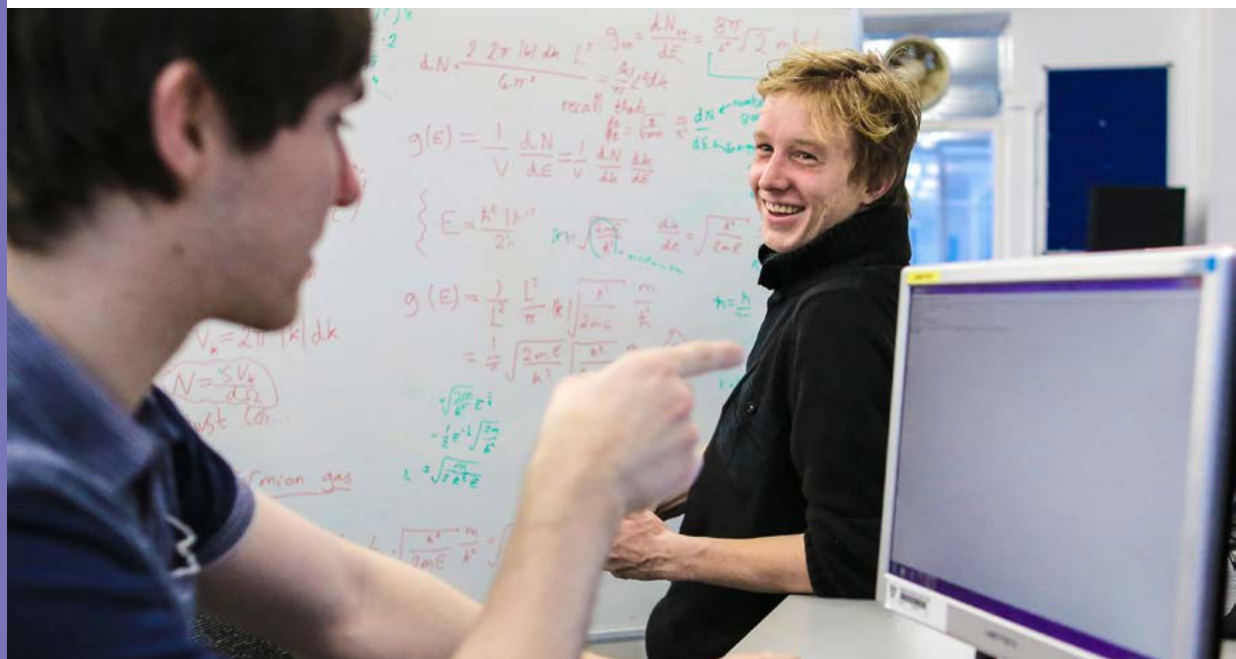
Mathematical and Theoretical Physics p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94



# 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

## Employability

Physics graduates are well-equipped for a wide range of career options. Some of our graduates are now pursuing careers as diverse as meteorology, accountancy, computing, geophysics, medical physics, teaching in schools and universities, and research in materials physics and in the astronomical, space and planetary sciences.

## Key Facts

**Degree type:** BSc

**UCAS code:** F300

**Duration:** 3 years

**Entry requirements:** BBC with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

**Available with (joint honours or major):** Computer Science, Mathematics, Business and Management, and Education. See pg 46.

## Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

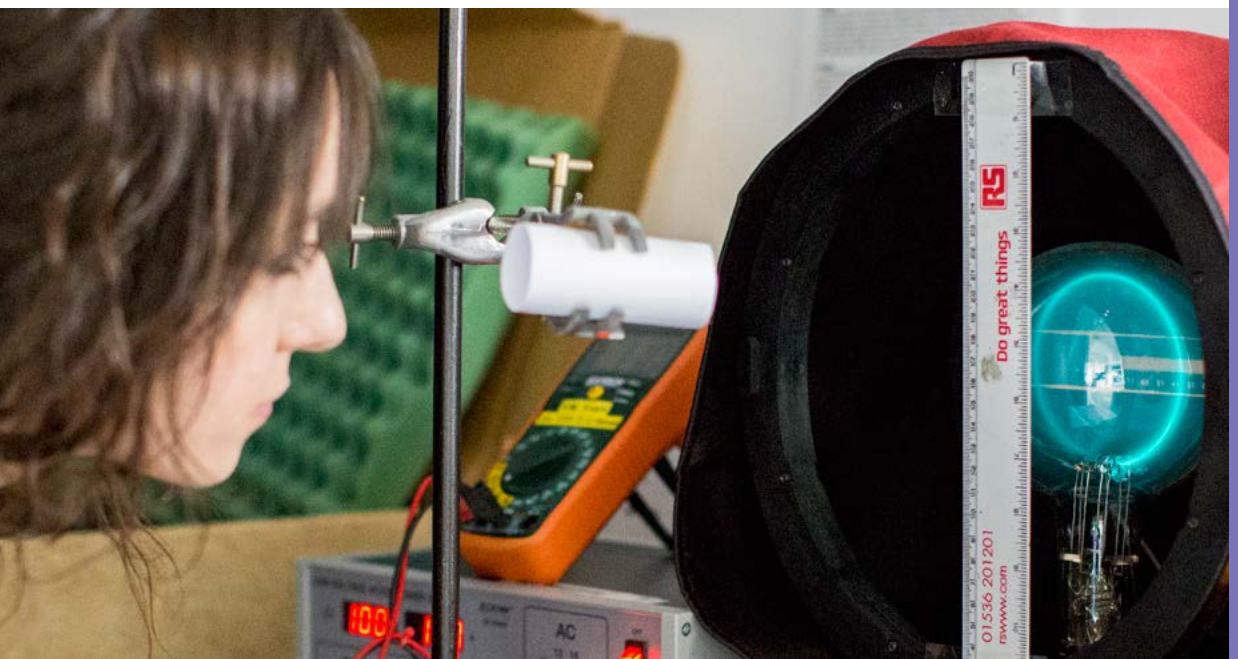
Mathematical and Theoretical Physics p162, p168  
Physics p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

**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.**



## 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

### Key Facts

**Degree type:** BSc

**UCAS code:** F364

**Duration:** 3 years

**Entry requirements:** BBC with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

### Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

### Employability

A degree in Physics with Planetary and Space Physics 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.



# 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

## Key Facts

**Degree type:** BSc

**UCAS code:** FH56

**Duration:** 3 years

**Entry requirements:** BBC with B in Physics or Computer Science and B in Mathematics. See page 190

**IB:** 28 with 5 in Higher Level Physics or Computer Science and Mathematics

**Department:** Department of Physics

## Related courses:

Astrophysics p160, p166

Computer Science and Artificial Intelligence p90

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Software Engineering p93, p95

Space Science and Robotics p171

Systems and Control Engineering p94

## Employability

This degree scheme perfectly equips graduates with the necessary skills for careers in the space industry. Several of our graduates have gone on to specialise in space robotics or a related field of astrophysics or robotics. Other potential careers that graduates of this degree scheme could enter include software development, computer programming, systems development, engineering or teaching.



## Astrophysics (MPhys)

The MPhys in Astrophysics 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. It offers broader and more specialist modules, enabling you to develop your interest in a specific field. During the last year of the degree you will study modules at Masters level.

Specialist opportunities at Aberystwyth for Astrophysics include:

- your major final year project can link to current research in space physics and astronomy
- this degree is accredited by the Institute of Physics
- you have access to specialist astronomical equipment

### Key Facts

**Degree type:** MPhys

**UCAS code:** F511

**Duration:** 4 years

**Entry requirements:** BBB with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

### 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 p46

### Related courses:

Astrophysics p160

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

### Employability

The MPhys degree in Astrophysics will prepare you for a career as a professional physicist. Career destinations include space scientist, scientific laboratory technician, radiation protection practitioner, and research scientist. Other career paths may include systems developer, product development scientist, technical author, or meteorologist.



# Engineering Physics (MEng) \*subject to approval

Engineering Physics is the application of physical principles and techniques to engineering and technology. This degree provides the knowledge and skills of a physics training that are required for producing engineering solutions in real-world situations.

This course has a strong practical and 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.

Masters level modules allow you to develop your scientific and professional skills in specialist areas.

Specialist opportunities for Engineering Physics students at Aberystwyth include:

- a compulsory year in employment is crucial for gaining practical experience of applying the skills acquired in the first two years of study
- your final year project can link to the science and technology expertise of our research groups
- specialist facilities include mechanical, electronics and robotics workshops, materials fabrication and characterisation, optical and space instrumentation and planetary terrain

## Key Facts

**Degree type:** MEng

**UCAS code:** 168F

**Duration:** 5 years

**Entry requirements:** BBB with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

## 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 p46

## Related courses:

Astrophysics p160, p166

Engineering Physics p161

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

## Employability

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.



## Mathematical and Theoretical Physics (MMath)

Mathematical and Theoretical Physics studies the more theoretical parts of physics and provides a solid grounding in mathematics. At Aberystwyth, you will study a wide range of themes including abstract and linear algebra, calculus, differential equations, quantum mechanics, dynamics and thermal physics.

This combination of mathematics and physics links to many spheres of interest and reflects research expertise in applied mathematics, quantum control, solar physics and condensed matter physics. During the final year of the degree you will study modules at Masters level.

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

### Key Facts

**Degree type:** MMath

**UCAS code:** F341

**Duration:** 4 years

**Entry requirements:** ABB with A in Mathematics and B in Physics.  
See page 190

**IB:** 34 with 6 in Mathematics and 5 in Physics at Higher Level

**Department:** Department of Physics

### 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 p46

### Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

### Employability

This degree is designed to cultivate transferable skills, including numeracy, problem-solving, reasoning, research, analysing data, organisational skills, teamwork and communication skills, to ensure that, on graduation, you are attractive to employers in a wide range of fields. The MMath qualification provides a solid foundation for a research career. Other careers where this degree would be useful include engineering, scientific writing and publishing, operational research, business consultancy, medical physics, meteorology, computing, accounting and finance.



## Physics (MPhys)

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.

The final year of this course develops further skills for careers as professional physicists. The additional fourth year of this course provides a broader and deeper exposure to the concepts, methods and phenomena of physics. You will also gain experience of research work.

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
- your major final year project can link to research specialisms in materials, quantum and space physics

### Key Facts

**Degree type:** MPhys

**UCAS code:** F303

**Duration:** 4 years

**Entry requirements:** BBB with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Physics and Mathematics at Higher Level

**Department:** Department of Physics

### 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 p46

### Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165, p171

Systems and Control Engineering p94

### Employability

A degree in Physics will prepare you for such career destinations as medical physicist, scientific laboratory technician, radiation protection practitioner, and research scientist. Other career paths may include systems developer, product development scientist, technical author, or meteorologist.



# Physics with Planetary and Space Physics (MPhys)

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:

- the opportunity to spend a semester at UNIS on Svalbard to study atmospheric and space physics in the high arctic
- your final year project may link to current solar system physics research
- this degree is accredited by the Institute of Physics
- studying on one of the most established space physics courses in the UK

## Key Facts

**Degree type:** MPhys

**UCAS code:** F366

**Duration:** 4 years

**Entry requirements:** BBB with B in Physics and B in Mathematics.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics

**Department:** Department of Physics

## 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 p46

## Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164

Space Science and Robotics p165, p171

Systems and Control Engineering p94

## Employability

A degree in Physics with Planetary and Space Physics 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.



## Space Science and Robotics (MPhys)

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, as well as the planning and development of future space physics and astrophysics missions. This course combines expertise in solar system and space physics with space robotics and artificial intelligence to consider the challenges to be met in 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 major final year project linked to current space research
- you will be able to specialise in your chosen area of space physics or robotics

### Key Facts

**Degree type:** MPhys

**UCAS code:** FH5P

**Duration:** 4 years

**Entry requirements:** BBB with B in Physics or Computer Science and B in Mathematics at A level.  
See page 190

**IB:** 28 with 5 in Higher Level Physics and Mathematics and Physics or Computer Science

**Department:** Department of Physics

### 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 p46

### Related courses:

Astrophysics p160, p166

Engineering Physics p161, p167

Mathematical and Theoretical Physics p162, p168

Physics p163, p169

Physics with Planetary and Space Physics p164, p170

Space Science and Robotics p165

Systems and Control Engineering p94

### Employability

This degree scheme perfectly equips graduates with the necessary skills for careers in the space industry. Several of our graduates have gone on to specialise in space robotics or a related field of astrophysics or robotics. Other potential careers that graduates of this degree scheme could enter include software development, computer programming, systems development, engineering or teaching.



# Department of Psychology

*The Department's superb facilities and equipment, such as the mobile eye tracker featured here, are helping our students to find answers to research questions. Can we really detect lies as they're being told, by monitoring people's expressions?*



## Psychology

173

When you study Psychology at Aberystwyth you get more than an education in theory. You'll receive a passionate understanding and feel for 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 and find your interests in this outstanding subject before you really develop your knowledge in our exceptional labs and in the warm, welcoming and unique community. Psychology at Aberystwyth is about the subject, the student and the experience and we know you will fit in here, we do everything we can to make sure of that. You will be taught by individuals who are actively researching and/or actively applying what they teach, thereby substantially enhancing your learning experience.

The Department and all of its degrees 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 graduates of the Department to gain graduate and/or chartered 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 particular strengths in the area of psychology applied to health and in fostering interdisciplinary research. Current staff have particular interest in: psycho-oncology, exercise and health psychology, developmental psychology, perception, social and critical psychology, music psychology, biological psychology, gender (masculinity and femininity), body image, and identity in the 21st century.

Psychology graduates are highly sought after in the graduate employment marketplace. Employers increasingly demand graduates with key transferable skills – studying psychology provides you with the foundation skills necessary for the 21st century job market.

### Facilities

The Department is located in Penbryn 5 building, which is shared with the School of Education and Lifelong Learning. All of psychology's facilities and staff offices are located on the ground and first floor of the building, and all of the Department's seminar rooms and its computer laboratory are also located in the building. We have equipment and facilities allowing us to examine psychological variables ranging from micro level audio and visual sensations and perceptions through to the psychophysiological processes underlying maximal effort human performance.

### Studying through the medium of Welsh

Should you wish, you may study part of your degree through the medium of Welsh. Being able to work bilingually is a skill much sought after by employers. This is never more evident than in psychological settings where bilingual clinical and educational psychologists and social workers are increasingly in demand. We offer numerous opportunities for students to engage in Welsh medium activities during their psychology degree. Students can study bilingually on a range of academic modules where they engage in Welsh medium seminars and practicals. This provides you with the opportunity to work in smaller teaching groups and to converse and debate in Welsh. 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.

# Psychology

Psychology seeks to understand all areas of human behaviour from mechanisms of neuronal communication through to group behavior, at the small group or global level. On this BPS accredited degree at Aberystwyth, you will systematically study human mental life and behaviour, you will investigate normal and abnormal human development, interpersonal and social interaction, the relationship between personality and culture and the wider complexities of human thought and action.

You will be introduced to the basics of psychological knowledge in core areas: biological, cognitive and social psychology, together with research methods. You will also critically examine current psychological theories and research, and apply your knowledge to a range of complex problems associated with a rapidly changing world.

Specialist opportunities at Aberystwyth in Psychology include:

- state-of-the-art facilities and laboratories, including eye tracking, EEG, and behavioural measurements equipment
- a wide range of expertise amongst our research-active staff
- a focus on applying psychology
- fully-accredited by the British Psychological Society with the ability to study abroad (on WF7F, and Erasmus+) or work in industry on a placement (N1FW)

## Key Facts

**Degree type:** BA

**UCAS code:** C800

(WF7F with year in industry, N1FW with year of study abroad)

**Duration:** 3 years (WF7F and N1FW are 4 years)

**Entry requirements:** BBC with B in any subject. See page 190

**IB:** 30

**Department:** Department of Psychology

**Available with (joint honours):**

Criminology. See pg 46.

## Employability

A degree in Psychology will prepare you for careers including psychotherapy, counselling, social work, health care, human resources management, careers advisory service, teaching (following a PGCE), academia and research. Psychology graduates from Aberystwyth are particularly appreciated for their knowledge of human behaviour, their academic skills, and their valuable research capabilities, and the transferable skills you will acquire 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.



# Department of Theatre, Film and Television Studies

<b>Drama and Theatre Studies</b>	<b>176</b>
<b>Film and Television Studies</b>	<b>177</b>
<b>Media and Communication Studies</b>	<b>178</b>
<b>Scenography and Theatre Design</b>	<b>179</b>

The Department offers an unrivalled range of student choice, staff expertise, and state-of-the-art facilities. We are committed to offering you an integrated scheme of study, combining creative and critical approaches to our disciplines through innovative practical work and challenging scholarly enquiry.

As one of the most significant departments of our kind in the UK, we are committed to conducting cutting-edge research and providing exciting and challenging programmes across the range of our disciplines. The Department actively engages with external partners to ensure the continued relevance and applicability of its practices within cultural and creative industries and the broader social context.

A significant number of our graduates now work in theatre, film, television and radio, some at a very senior level, all in inspiring and fulfilling posts. An increasing number become creative entrepreneurs, establishing University 'spin-out' companies. Many of our students also go on to follow careers in public relations, personnel, management, IT, freelance and community work.

## Facilities

The Department offers superb 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 chroma key and auto-cue capability
- 30 editing systems - Avid Media Composer, Adobe Premiere Pro and Final Cut Pro software

- 50 industry standard High Definition cameras – P2 and AVCHD formats; DSLR and GoPro cameras available
- 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
- lecture theatres with integrated screening facilities
- close proximity to the National Sound and Screen Archive of Wales

## Industry links

The Department is proud of its well-established and active relationships with key industry partners, such as the BBC, S4C, Arad Goch, National Theatre Wales, Music Theatre Wales, Boom Pictures, Fiction Factory, the British Council Wales and Wales Arts International. The Department is a certified AVID Learning Partner, and the Film and Television Studies scheme has been accredited by the Sector Skills Council, Creative Skillset.

All second year film and television students take a core work placement module, with companies including the BBC, ITV, Eon Films, Kent County Council Film Unit amongst others. Fiction Factory film the BBC drama series *Y Gwyll/Hinterland* in the area and we have had in excess of 40 student placements with them.

## Studying through the medium of Welsh

The Department 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. You can also study parts of the Media and Communication Studies and Scenography and Theatre Design degrees through the medium of Welsh. For further details contact the Department.



## Drama and Theatre Studies

What is theatre? What has theatre been? What could theatre be now and in the future? At Aberystwyth, the Drama and Theatre Studies degree is an exciting, diverse and challenging programme combining both practical and theoretical elements. You will look through and beyond historic and established forms to explore what drama, theatre and performance can be now and in the future.

You'll have the opportunity to encounter a wide range of creative and critical forms and practices and develop your capacity as a theatre-maker, thinker and scholar. The degree aims to offer you an equal balance of creative (such as acting and directing) and critical work, building on the excellent expertise of the teaching staff.

Specialist opportunities and facilities at Aberystwyth for Drama and Theatre Studies include:

- our superb facilities and resources: 2 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 and two NXAMP; three rehearsal studios, each with flexible technical facilities; and costume and wardrobe 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
- the Department is proud of its well-established and active relationships with key industry partners, such as the BBC, S4C, Arad Goch, National Theatre Wales, Music Theatre Wales, Boom Pictures, Fiction Factory, the British Council Wales and Wales Arts International

### Key Facts

**Degree type:** BA

**UCAS code:** W400

**Duration:** 3 years

**Entry requirements:** BBC-BBB  
See page 190

**IB:** 28-30

**Department:** Department of  
Theatre, Film and Television Studies

### Available with (joint honours):

Creative Writing, Education, English Literature, Film and Television Studies, Fine Art, French, History, International Politics, Mathematics, Scenography and Theatre Design, Spanish, and Welsh.  
See pg 46.

### Related courses:

Film and Television Studies p177  
Media and Communication Studies p178  
Scenography and Theatre Design p179

### Employability

Many students have gone on to work as actors, performers, directors and designers, either directly, through association with co-operative and professional companies, or after further postgraduate study. Many graduates have also found employment in a variety of different areas including teaching, administration, marketing, management and public relations.



## Film and Television Studies

The Aberystwyth Film and Television Studies degree provides an exciting, diverse and challenging programme of study, combining practical, historical and theoretical approaches to the technique and examination of film and television productions, institutions and cultures.

You will be introduced to the study of film and television and will develop your practical skills in all stages of the media production process (including scriptwriting, shooting, editing and multiplatform work). The course will also help you build up expertise in key production techniques such as single-camera and multi-camera/studio production, and you'll study the specific histories, theories and traditions in film and television.

Specialist opportunities and facilities at Aberystwyth for Film and Television Studies include:

- internationally-recognised staff whose wide expertise includes Avid-accreditation, documentary, multiplatform production, experimental media, Russian and British culture, horror and cult cinema and television, Hollywood, television aesthetics, digital cultures, fandom and reception, stardom, film sound, and practice as research
- our superb facilities and resources include: 3 Camera High Definition television studio and gallery with chroma key and auto-cue capability; 30 editing systems - Avid Media Composer, Adobe Premiere Pro and Final Cut Pro software; 50 industry standard HD cameras – P2 and AVCHD formats; DSLR and GoPro cameras available
- the Department is proud of its connections with key industry partners, such as the BBC, Tribeca Film Festival, S4C, the Edinburgh Film Festival, Ffresh Film Festival, BAFTA, Avid, Fiction Factory, Arad Goch, National Theatre Wales, the National Library of Wales's Sound and Screen Archive, and Aberystwyth Arts Centre

### Key Facts

**Degree type:** BA

**UCAS code:** W620

**Duration:** 3 years

**Entry requirements:** BBC-BBB  
See page 190

**IB:** 28-30

**Department:** Department of  
Theatre, Film and Television Studies

### Available with (joint honours):

Creative Writing, Drama and Theatre Studies, English Literature, Fine Art, French, History, International Politics, Mathematics, Scenography and Theatre Design, Spanish, Welsh, and Welsh History. See pg 46.

### Related courses:

Drama and Theatre Studies p176  
Media and Communication Studies p178  
Scenography and Theatre Design p179  
Liberal Arts p155, p158

### Employability

Typically, our graduates find employment in a variety of different fields, with film and television companies, working as researchers, editors, floor managers, camera operators, designers or directors, teaching, administration, marketing public relations, and advertising.



## Media and Communication Studies

Media and Communication Studies enables you to combine the traditional and the new, with a distinctive digital media focus. At Aberystwyth, you will develop dynamic insights into the nature of interactions between media texts, media audiences and media producers.

Through our exciting interdisciplinary approach to this subject, you will study topics including communication and media studies, sociology, psychology, cultural studies (including digital and visual cultures), history, philosophy, linguistics and marketing. The scheme has been designed to allow you to develop your creative, critical and technical skills through innovative practical work and challenging scholarly enquiry.

At Aberystwyth we consider who controls and owns our media, how is media content produced, what kind of impact the media have on us. We study the media product, the ways in which it is communicated and the ways in which the media are used on a day-to-day basis. We will also introduce you to some of the key media and communication theorists and will consider how you can apply their thinking to your own study of media and communications. A wide range of study is open to you: media fandom, advertising, website design, digital culture, media history together with creative practice experience in multiplatform production and experimental media. Your three years of study will be dynamic, invigorating and stimulating.

### Key Facts

**Degree type:** BA

**UCAS code:** P300

**Duration:** 3 years

**Entry requirements:** BBC-BBB  
See page 190

**IB:** 28-30

**Department:** Department of  
Theatre, Film and Television Studies

### Related courses:

[Drama and Theatre Studies](#) p176

[Film and Television Studies](#) p177

[Scenography and Theatre Design](#) p179

### Employability

Many of our graduates find employment with film and television companies, working in roles such as programme researchers for various broadcasting media, floor managers, camera operators, sound technicians, runners, producers and directors. The degree will also prepare you for areas such as teaching, research, marketing, media planning, events organisation, the computing industries, and public relations. Your degree will provide you with excellent interpersonal skills and transferable skills including experience in group work, leadership, planning, budget management and personal motivation, all valued by graduate employers.



# ■ Scenography and Theatre Design

The only one of its kind in the country, the Scenography and Theatre Design degree at Aberystwyth takes a total view of the performance space and regards the organisation of this space as an artistic, technical and intellectual practice in its own right. It looks at and beyond the conventional boundaries of set, costume, lighting and sound design.

Through a combination of critical and creative explorations, you will examine a wide range of contemporary practices from playhouse theatre to site-specific performance, from environmental theatre to performance installation. The focus of the degree scheme is the development of your own design practice within or alongside the practice of theatre and performance to develop and enhance your individual way of seeing and thinking.

Specialist opportunities and facilities at Aberystwyth for Scenography and Theatre Design include:

- being taught by practicing professionals. Our students are at the centre of the conversations with tutors who are involved in national and international scenographic practice both academically and professionally
- spaces to create: 2 fully-equipped purpose built studios one with a Trampoline grid and an equally well-equipped converted chapel in the centre of town
- a range of flexible technical resources, costume and wardrobe facilities available when work is made in any of our three rehearsal studios
- Fiction Factory film the BBC drama series *Y Gwyll/Hinterland* in the area and we have had in excess of 40 student placements with them
- the Department is proud of its well-established and active relationships with key industry partners, such as the BBC, S4C, Arad Goch, National Theatre Wales, Music Theatre Wales, Boom Pictures, Fiction Factory, the British Council Wales and Wales Arts International

## Key Facts

**Degree type:** BA

**UCAS code:** W460

**Duration:** 3 years

**Entry requirements:** BBC-BBB  
See page 190

**IB:** 28-30

**Department:** Department of Theatre, Film and Television Studies

## Available with (joint honours):

Creative Writing, Drama and Theatre Studies, and Film and Television Studies. See pg 46.

## Related courses:

[Drama and Theatre Studies p176](#)

[Film and Television Studies p177](#)

[Media and Communication Studies p178](#)

## Employability

The 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.

*Third year aesthetic event*



# Department of Welsh and Celtic Studies

<b>Celtic Studies</b>	<b>182</b>
<b>Cymraeg (Welsh)</b>	<b>183</b>
<b>Cymraeg a'r leithoedd Celtaidd (Welsh and the Celtic Languages)</b>	<b>184</b>
<b>Cymraeg Proffesiynol (Professional Welsh)</b>	<b>185</b>

The Department of Welsh and Celtic Studies at Aberystwyth is home to a close-knit but outward-looking community that offers the widest range of Celtic language courses in any university in the world. As well as strong language skills, a broad training in the Humanities will help you develop analytical and critical skills that all employers value. We are passionate in our exploration of the Celtic languages, and their associated cultures, histories and literatures. We hope that you choose to experience our international community of students and scholars for yourself and learn about Welsh and Celtic culture in the heart of Welsh-speaking Wales.

Since the founding of the University in 1872, the Department of Welsh and Celtic Studies has played a leading part in Welsh learning and culture, including literature, education, politics and journalism. Many notable Welsh scholars and creative writers have taught and studied here, including T H Parry-Williams, T Gwynn Jones, Gwenallt and Mihangel Morgan.

Our wide-ranging courses encompass medieval literature, creative writing, Welsh in the workplace, translation studies, contemporary poetry and fiction, literary criticism, women's writing, and folk literature. We also specialise in the other Celtic languages: Breton, Irish, and Scottish Gaelic. Aberystwyth is the only department of its kind in Wales where you can study historical forms of Welsh and Irish alongside the contemporary languages.

In the 2014 REF an impressive 25% of our research was rated as world-leading. Staff publish world-class research and also contribute to Welsh cultural life through the media, Eisteddfodau and regular talks and lectures for schools and literary societies.

Excellent communication skills in Welsh and a thorough familiarity with Welsh culture open doors to jobs in a variety of sectors. You will find our graduates leading some of Wales's most prestigious institutions and companies as well as in prominent roles in the Welsh media.

## Our degrees

Employability is embedded in our curriculum and we offer work experience with over 30 institutions and companies of national and regional status. Our innovative degree scheme 'Cymraeg Proffesiynol' (Professional Welsh, see page 185) has established itself as a standard qualification for prospective employers who are looking for competent bilingual employees. A number of our students have been offered full-time employment on the strength of their work placements.

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 right down to the present day. It is also offered as part the Liberal Arts degree (see pages 155 and 158).

Irish Language and Literature is currently available as a joint honours degree with Education (QX5H), English Literature (QQ5H), and Fine Art (WQ15). Irish is also available through the medium of Welsh with Welsh History (QV52), and History (QV5C). 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.

## Facilities

The Department is situated in a suite of rooms in the Hugh Owen Building on the main Penglais campus, close to the University's main library with its comprehensive Welsh and Celtic collection. Take a five-minute walk, and you'll find yourself at the National Library of Wales and its unrivalled collection of manuscripts, books and journals.

## Additional opportunities

Public lectures and seminars are organized by the Department and the Institute (ILLCA), the University, and the nearby National Library of Wales and University of Wales Centre for Advanced Welsh and Celtic Studies. Many other events such as book launches and performances are held in Aberystwyth throughout the year.



## Celtic Studies

At the heart of Celtic Studies at Aberystwyth is a passion for exploring the Celtic languages and their associated cultures, histories and literatures. Our Celtic Studies degree will, in the first year, equip you to think critically about broad questions of identity and culture, while introducing you to a Celtic language. In subsequent years you will concentrate on expanding and consolidating your knowledge of Celtic languages alongside learning more about the literature and culture of the Celts from the earliest history down to the present day. Students typically spend a semester or two studying in Ireland, Brittany or elsewhere in Europe during their third year as part of the Erasmus+ scheme.

Welsh and Irish form the core of our language provision but the range of modules available allows plenty of choice for you to design the degree that appeals to your interests. After your year abroad, you will be equipped to follow all the modules available, including those taught through the medium of Welsh and Irish. Options available to you may include Celtic languages such as Breton and Scottish Gaelic or literary modules. Other modules cross multiple languages or periods.

Students studying Celtic Studies at Aberystwyth will enjoy:

- the opportunity to hear and use Welsh within a Welsh-speaking community
- an active 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

**Entry requirements:** BCC with evidence of linguistic ability. See page 190

**IB:** 26 with evidence of linguistic ability

**Department:** Department of Welsh and Celtic Studies

### Related courses:

Cymraeg Proffesiynol (Professional Welsh) p185

Welsh/Cymraeg p183

Welsh and the Celtic Languages p184

### Employability

A Celtic Studies degree can open up all kinds of career opportunities. Along with fluency in a modern Celtic language, a Celtic Studies degree equips graduates with the critical thinking that is so valued by employers. Our graduates are in demand in translation, education, publishing, the media and the tourism, heritage and museum sectors.

**This course is also available through the medium of Welsh (Q501).**



## ■ Cymraeg (Welsh)

By studying for a degree in Welsh and Celtic Studies at Aberystwyth, you will be part of the oldest Welsh department in Wales. There are several entry points for learning Welsh here: beginner, second language and first language.

You will follow core language modules to bolster your spoken and written Welsh as well as deepen your historical understanding of the language. You will also have the opportunity to study a broad range of contemporary and historical literature and there is also an optional dissertation module that offers you the opportunity to study independently under the guidance of a specialist in your chosen subject.

Students studying Welsh at Aberystwyth will enjoy:

- the opportunity to learn Breton, Irish or Scottish Gaelic alongside Welsh
- the proximity of the National Library of Wales

### Employability

A degree in Welsh that develops your creative, analytical and communication skills is an excellent preparation for life and work in post-devolution Wales. Our graduates are in demand in the private and public sectors, business, the media, translation, publishing, tourism and heritage or higher education.

**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.**

### Key Facts

**Degree type:** BA

**UCAS code:** Q560, Q522 (beginners)

**Duration:** 3 years (Q522 is 4 years)

#### Entry requirements:

**Q560** – BCC with B in Welsh (1st or 2nd language)

**Q522** – BCC with evidence of linguistic ability.

See page 190

**IB: Q560** – 24 with B in Welsh 1st or 2nd language at A level

**Q522** – 26 with evidence of linguistic ability

**Department:** Department of Welsh and Celtic Studies

#### Available with (joint honours or major):

Computer Science, Creative Writing, Drama and Theatre Studies, Education, English Literature, Film and Television Studies, Fine Art, French, Geography, German, History, International Politics, Mathematics, Politics, Spanish, Welsh History, History, Welsh History. See pg 46.

#### Related courses:

Celtic Studies p182

Cymraeg Proffesiynol (Professional Welsh) p185

Welsh and the Celtic Languages p184



## ■ Cymraeg a'r leithoedd Celtaidd (Welsh and the Celtic Languages)

Studying Welsh and the Celtic Languages at Aberystwyth provides you with an opportunity to study Breton, Irish or Scottish Gaelic alongside Welsh. By following this 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 specialise in Welsh and Celtic Languages, and you will be able to choose modules that fit with your interests. As well as studying Welsh, you can also choose modules in Breton, Irish and Scottish Gaelic. Students on this scheme usually spend a semester of their third year at a university abroad as part of the Erasmus+ scheme.

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
- proximity to the National Library of Wales

### Key Facts

**Degree type:** BA

**UCAS code:** Q562

**Duration:** 3 years

**Entry requirements:** BCC with B in Welsh (1st or 2nd language).  
See page 190

**IB:** 24 with B in A level Welsh

**Department:** Department of Welsh and Celtic Studies

**This course is only available through the medium of Welsh**

### Related courses:

Celtic Studies p182

Cymraeg Proffesiynol (Professional Welsh) p185

Welsh/Cymraeg p183

### Employability

Graduates of the scheme can read, write and speak Welsh, and any other Celtic language they learn, fluently and correctly. Graduates will also be equipped with the critical thinking that is so valued by employers. Our graduates are in demand in translation, education, publishing, the media and the tourism, heritage and museum sectors.



## ■ Cymraeg Proffesiynol (Professional Welsh)

The only single honours degree of its kind in the UK, this degree is increasingly popular with students, employers and those seeking a 'gold standard' in Welsh. Cymraeg Proffesiynol hones skills that will enable you to use the Welsh language confidently in the workplace, for example in professional contexts as varied as Welsh government, journalism, the media and the publishing industry.

As well as core modules in literature and language, you will study modules that introduce a range of crucial skills: writing reports, taking minutes, simultaneous translation, adaptation for radio/television/film, copy editing, and adapting texts from other languages. Work experience is embedded in the degree and is usually taken in one of 30 institutions and businesses in the public and private sector.

Students of Professional Welsh at Aberystwyth will enjoy:

- 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
- proximity to the National Library of Wales

### Key Facts

**Degree type:** BA

**UCAS code:** Q5P0

**Duration:** 3 years

**Entry requirements:** BBC with A in Welsh 1st language. See page 190

**IB:** 24 with A in Welsh 1st language at A level

**Department:** Department of Welsh and Celtic Studies

**This course is only available through the medium of Welsh**

### Related courses:

Celtic Studies p182

Welsh/Cymraeg p183

Welsh and the Celtic Languages p184

### Employability

Employers comment on the high standard of our graduates and there's an increasing demand for our students in Wales's private and public sectors. Having studied Professional Welsh you'll have the necessary skills to work in business, for a public organisation, in the media, in translation, in publishing, in tourism and heritage or in higher education.



# Your next steps...

Once you have decided what course you want to study, and where, here's a brief overview of what you need to do next.

## How to apply

UCAS will start to process applications for entry in autumn 2017 from 1 September 2016, and you are advised to apply as early as possible, once you have carefully considered your choice of universities and courses. It is in your best interests to apply by 15 January 2017, 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. To start your application process, you'll need to visit the UCAS website's Apply and Track section: [www.ucas.com/ucas/undergraduate/apply-and-track](http://www.ucas.com/ucas/undergraduate/apply-and-track). A fee must be paid to register, see their website for details.

### Applying in Welsh

You may complete your application in Welsh if you wish, by selecting the language preference on the registration page of the UCAS website.

### Useful numbers

UCAS operates a Contact Centre, that's a helpline for applicants to phone with any queries over their application throughout the year:

For callers in the UK 0371 468 0 468

For callers outside the UK +44 330 3330 230

For callers with hearing difficulties

- From the UK use the Text Relay service on

18001 followed by 0371 468 0 468

- From outside the UK dial +44 151 494 1260

(text phone) and then ask the operator to dial

+44 330 3330 230

Advice is also available from your teacher or a careers adviser at your school or college.

### Tracking your application

Once you've sent off your application you can follow the progress of your application online. 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 Identification Number \(PIN\)](#) which is unique to you, and you should quote this in any correspondence with the institutions to which you have applied. You will also need it if you go through the Clearing process.

UCAS will process your application, and will send you a welcome email confirming your personal details and choices (usually within 14 days). The chosen universities and colleges can view your application online, and will decide whether to make an offer or not.

### 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 us receiving your application. Some applicants may be called for interview, but the majority of offers are made on the basis of the 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, meet staff and students, and discuss any concerns you may have. Visiting Days are especially organised 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 a Visiting Day.*

If you make an application to us, further details about Visiting Days will be sent to you shortly after your offer. Your family and friends will also be most welcome to accompany you, and we will do our best to make your

visit a useful and enjoyable occasion. We will make a contribution towards your personal travelling expenses for journeys made within mainland UK, and a claim form will be given to you when you visit.

### **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 2017 entry and decide subsequently to defer your year of entry to 2018, please contact our 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 Admissions Office at [ug-admissions@aber.ac.uk](mailto: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, and allows candidates to use all qualifications at an acceptable level towards meeting the terms of their offer. We recognise the individual nature of every application, and our published standard offers should be viewed only as a guide.

Your offer will be made in terms appropriate to your particular award and will reflect both your particular circumstances and the subject requirements of your chosen course(s).

You can find details of our standard entry requirements by using the Search tool on the UCAS website. If your qualification is not shown there, you can obtain individual information and advice by contacting the Undergraduate Admissions Office (01970 622021, or email [ug-admissions@aber.ac.uk](mailto:ug-admissions@aber.ac.uk)).

## **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. A level applicants with good AS levels will inevitably be at a competitive advantage, but applicants who have underachieved at AS level or with no AS levels will continue to receive full and serious consideration at the offer-making stage. A poor AS performance may be ignored, if there is a compensating indication of improving potential.

AS levels will be welcome whether they are in contrasting or complementary subjects to the degree scheme proposed.

## **Key Skills/Functional Skills (KS/FS)**

The Application of Number at level 3 will be accepted by the Institute of Biological, Environmental and Rural Sciences as an adequate substitute for GCSE Maths. An A\* to C pass in GCSE English or Welsh continues to be a requirement for entry to all our degree schemes but, in certain cases, KS/FS Communication at level 3 will be acceptable in lieu of GCSE English or Welsh. Level 3 KS/FS if offered, may also be taken into account when making you an offer. Please contact the Director of Academic Quality and Records (01970 622013) or email Ms Emma Williams: [elw40@aber.ac.uk](mailto:elw40@aber.ac.uk)



### Welsh Baccalaureate

Aberystwyth welcomes the Welsh Baccalaureate as a valuable qualification in its own right and considers the Welsh Baccalaureate Core to be equivalent to A level grade for 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. The Vocational A (AVCE) level is considered on the same basis as GCE A levels or GCE AS levels. We particularly welcome applicants offering the AVCE Double Award (12 units). 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.

### 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.

As part of the selection process for undergraduate courses, those with responsibility for admissions at Aberystwyth University may take into account contextual data and use this as additional information about an application.

Contextual information provides useful background of the educational and/or socio-economic context to an application, allowing us to take into account the challenges and difficulties an applicant has faced in their education and the effect of such challenges on their performance in qualifications.

The following contextual information about applicants, made available now through the UCAS process, will be highlighted to admissions staff and tutors to inform their decisions.

1. For UK applicants, residence in an area with low participation in Higher Education and/or other indicators of multiple deprivation (including Communities First areas within Wales).
2. Participation in the University's outreach programmes, including the Summer University.

3. The levels of attainment of an applicant's school compared to appropriate benchmarks.
4. Any other statements and evidence on the application form, or supplied by the school or referee, for example, whether the applicant is a care leaver, a mature applicant or other extenuating circumstances.

University admissions staff will take contextual data into account in deciding whether applicants should receive a preferential offer. While contextual data is valuable in assisting us to determine whether candidates have the potential to do well at university, admissions decisions will not be made on the basis of contextual data alone. Contextual data may also be used during the confirmation process once A level results/other qualification information have been received in August, for those who narrowly miss their required results

### 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. Please contact the Director of Academic Quality and Records for advice.

### 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.

### 14-19 Curriculum in England

Aberystwyth supports the revised A levels, GCSEs, Key Skills/Functional Skills, Extended Project and new Diplomas in principle, and welcomes applicants for 2017 entry. If any further advice is required, please contact the Director of Academic Quality and Records ([elw40@aber.ac.uk](mailto:elw40@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 count towards the offer that you are asked to achieve. We have an inclusive policy which recognises not only A and AS levels, including General Studies, but also Key Skills/ Functional Skills at level 3. Ways in which you could meet an A level offer, for example, are:

## CCC at A level:

- CDD at A level + D at AS and 1KS/FS at level 3
- CDD at A level + B at AS
- BC at A level + CC at AS

## BBC at A level:

- CCD at A level + CC at AS
- CCD at A level + C at AS + 2 KS/FS at level 3
- BB at A level + A at AS + 2 KS/FS at level 3

## BBB at A level:

- CCCD at A level
- BCC at A level + B at AS
- BCD at A level + C at AS + 2 KS/FS at level 3

The following table 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 18 units (e.g. 3 A levels) and above.

For joint honours schemes the specific point and 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 47 for details of joint and major-minor honours degree scheme combinations available for 2017 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 2016). For the latest information on our entry requirements see the UCAS search tool at [www.ucas.com](http://www.ucas.com).

## Access qualification

The standard 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.

## 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 e.g. a background in creative writing to study for the degree BA Hons Creative Writing.

Aberystwyth also offers four degree schemes, which include an additional year of foundation study, in Computer Science, Life Sciences, Mathematics and Physics. 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 requirements:

- ❶ This new course for 2016 entry is still subject to approval at the time of this Prospectus going to print.
- ❷ 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.
- ❸ Key Skills/Functional Skills level 3 Application of Number are acceptable in lieu of GCSE Mathematics.
- ❹ Lower offer will be made to applicants offering more science subjects in addition to the specified subject.
- ❺ Lower offer if A level/skills profile related to scheme.
- ❻ CACHE level 3 Diploma with overall grade C is also acceptable and welcomed for entry to this degree scheme.
- ❼ Students not taking relevant science A level may be made an offer following interview based on individual merit.

## Bachelors honours degrees

	Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
A	Accounting and Finance	N400	English or Welsh, Mathematics	BBB	DMM	26 points overall	75% overall
	Adventure Tourism Management	N870	English or Welsh, Mathematics	BBC	DMM	25 points overall	75% overall
	Agriculture	H21Y	English or Welsh, Mathematics and a science subject ③	BCC with C in relevant science subject ⑦	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
	Agriculture (inc work placement year)	D401	English or Welsh, Mathematics and a science subject ③	BCC with C in relevant science subject ⑦	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
	Agriculture with Animal Science	53C8	English or Welsh, Mathematics and a science subject ③	BCC with C in relevant science subject ⑦	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
	Agriculture with Animal Science (inc work placement year)	D4D3	English or Welsh, Mathematics and a science subject ③	BCC with C in relevant science subject ⑦	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
	Agriculture with Business Studies	D4N1	English or Welsh, Mathematics and a science subject ③	BCC	DMM	28 points overall	70% overall
	Agriculture with Business Studies (inc work placement year)	4D11	English or Welsh, Mathematics and a science subject ③	BCC	DMM	28 points overall	70% overall
	Animal Behaviour	C120	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④
	Animal Science	D306	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④
	Art History	V350	English or Welsh	BBC with B in any subject	DMM	30 points overall	65% overall
	Artificial Intelligence and Robotics	GH76	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
	Artificial Intelligence and Robotics (inc integrated Industrial and professional Training)	GH7P	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
	Astrophysics	F510	English or Welsh, Mathematics	BBC with B in Physics and B in Mathematics	DMM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
B	Biochemistry	C700	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Chemistry ④	DDM	30 points overall with 5 points in Chemistry at Higher Level	65-70% overall with 75% in specified subject ④
	Biology	C100	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④
	Business and Management	N122	English or Welsh, Mathematics	BBC	DMM	25 points overall	75% overall
	Business Economics	L113	English or Welsh, Mathematics	BBB	DMM	26 points overall	75% overall
	Business Finance	N310	English or Welsh, Mathematics	BBB	DMM	26 points overall	75% overall
	Business Information Technology	G500	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
	Business Information Technology (inc Industrial and Professional Training)	G501	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
	Business Law	M140	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
	C	Celtic Studies	Q500	English or Welsh	BCC with evidence of linguistic ability	MMM-DDM with evidence of linguistic ability	26 points overall with evidence of linguistic ability
Childhood Studies ⑥		X320	English or Welsh	CCC	MMM	28 points overall	65% overall
Computer Graphics, Vision and Games		G450	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
Computer Graphics, Vision and Games, (inc Integrated Industrial and Professional Training)		G451	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall

## Bachelors honours degrees

Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
Computer Science	G400	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
Computer Science (inc Integrated Industrial and Professional Training)	G401	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
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	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
Computer Science and Artificial Intelligence (inc Integrated Industrial and Professional Training)	GG47	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
Countryside Conservation	D447	English or Welsh, Mathematics and a science subject <b>3</b>	BCC with C in relevant science subject <b>7</b>	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
Countryside Management	D455	English or Welsh, Mathematics and a science subject <b>3</b>	BCC with C in relevant science subject <b>7</b>	DMM with specified subjects	28 with 5 points in a relevant science subject at Higher Level	Pass overall with 70% in a science subject
Creative Arts	WW48	English or Welsh	BBC with B in any subject	DMM	30 points overall	65% overall
Creative Writing	W801	English or Welsh	BBB-ABB with B in English literature or language, or a combined course <b>5</b>	DMM-DDM with specified subject <b>5</b>	30 points overall with 6 points in English Literature at Higher Level	65% overall with 70% in specified subject
Criminal Law	M131	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
Criminology	M900	English or Welsh, Mathematics	BBC	DMM	28 points overall	65% overall
Criminology with Applied Psychology	M9C8	English or Welsh, Mathematics	BBC	DMM	28 points overall	65% overall
Cymraeg (I fyfyrwyr iaith gyntaf ac ail iaith)	Q560	English or Welsh	BCC with B in Welsh 1st or 2nd Language	MMM-DDM with B in A level Welsh 1st or 2nd Language	24 points overall with B in A level Welsh 1st or 2nd Language	65% overall with B in A level Welsh 1st or 2nd Language
Cymraeg a'r Ieithoedd Celtaidd	Q562	English or Welsh	BCC with B in Welsh 1st or 2nd Language	MMM-DDM with B in A level Welsh 1st or 2nd Language	24 points overall with B in A level Welsh 1st or 2nd Language	65% overall with B in A level Welsh 1st or 2nd Language
Cymraeg Proffesiynol	Q5P0	English or Welsh	BBB with A in Welsh 1st Language	DMM with A in A level Welsh 1st Language	24 points overall with A in A level Welsh 1st Language	65% overall with A in A level Welsh 1st Language
<b>D</b> Data Science	7G73	English or Welsh, Mathematics	ABC with A in Mathematics or BBB with B in Mathematics	DMM-DDM with A/B in A level Mathematics	28-30 points with 4-5 points in Mathematics at Higher Level	70% overall with 75% in Mathematics
Data Science (inc Integrated Industrial and Professional Training)	7G74	English or Welsh, Mathematics	ABC with A in Mathematics or BBB with B in Mathematics	DMM-DDM with A/B in A level Mathematics	28-30 points with 4-5 points in Mathematics at Higher Level	70% overall with 75% in Mathematics
Drama and Theatre Studies	W400	English or Welsh	BBC-BBB <b>5</b>	DMM-DDM <b>5</b>	28-30 points overall <b>5</b>	65-70% overall <b>5</b>
<b>E</b> Ecology	C180	English or Welsh, Mathematics and a science subject <b>3</b>	BBB-BBB with B in Biology or Human Biology <b>4</b>	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject <b>4</b>
Economics	L100	English or Welsh, Mathematics	BBB	DMM	26 points overall	75% overall
Education	Available only in combination with another subject as a joint or major/minor honours degree scheme					
Education and International Development	23K6	English or Welsh	BBC	DMM	28 points overall	65% overall
Engineering Physics* <b>1</b>	179H	English or Welsh, Mathematics	BBB with B in Physics and B in Mathematics	DMM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
English Literature	Q300	English or Welsh	BBB-ABB with B in English literature or language, or a combined course <b>5</b>	DMM-DDM with specified subject <b>5</b>	30 points overall with 6 points in English Literature at Higher Level	65% overall with 70% in specified subject

\*subject to approval

## Bachelors honours degrees

Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
English Literature and Creative Writing	QW38	English or Welsh	BBB-ABB with B in English literature or language, or a combined course ⑤	DMM-DDM with specified subject ⑤	30 points overall with 6 points in English Literature at Higher Level	65% overall with 70% in specified subject
Environmental Earth Science	F640	English or Welsh, Mathematics	BBC with C in a science subject	DMM with specified subject	28-30 points overall with 4-5 points in a science subject at Higher Level	65% overall with 70% in specified subject
Environmental Science	F750	English or Welsh, Mathematics	BBC with C in Biology or Geography	DMM with specified subject	28-30 points overall with 4-5 points in a science subject at Higher Level	65% overall with 70% in specified subject
Equine and Veterinary Bioscience	D334	English or Welsh, Mathematics and a science subject ③	BBB-ABB with B in Biology or Human Biology	DDD	32 points overall with 5 points in Biology or Chemistry at Higher Level	70-75% overall with 75% in a science subject
Equine Science	D322	English or Welsh, Mathematics and a science subject ③	BCC-BBC with B in Biology or Human Biology	DDM	30 points overall with 5 points in Biology or Chemistry at Higher Level	70% overall with 70% in a science subject
Equine Studies (Top-Up)	D325	English or Welsh, Mathematics and a science subject	Must pass a Foundation Degree in an appropriate subject area with an overall grade of Merit or above			
European History	V220	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
European Languages	R900	English or Welsh	BBC with B in a relevant language unless to be studied as a beginner ②	DMM with specified subjects ②	28 points overall with 5 points in a relevant language at Higher Level unless to be studied as a beginner ②	68% with 70% in a relevant language unless to be studied as a beginner ②
European Law	M120	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
<b>F</b> Film and Television Studies	W620	English or Welsh	BBC-BBB ⑤	DMM-DDM ⑤	28-30 points overall ⑤	65-70% overall ⑤
Financial Mathematics	G1N3	English or Welsh, Mathematics	ABC with A in Mathematics or BBB with B in Mathematics	DMM-DDM with A/B in A level Mathematics	28-30 points with 4-5 points in Mathematics at Higher Level	70% overall with 75% in Mathematics
Fine Art	W100	English or Welsh	BBC with B in Art or appropriate plus satisfactory portfolio	DMM plus satisfactory portfolio	30 points overall with Art or appropriate at Higher Level plus satisfactory portfolio	65% overall with Art or appropriate plus satisfactory portfolio
French* ①	R120	English or Welsh	BBC with B in French unless to be studied as a beginner ②	DMM with specified subjects ②	28 points overall with 5 points in French at Higher Level unless to be studied as a beginner ②	68% with 70% in French unless to be studied as a beginner ②
<b>G</b> Genetics	C400	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④
Genetics and Biochemistry	CC47	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Chemistry ④	DDM	30 points overall with 5 points in Chemistry at Higher Level	65-70% overall with 75% in specified subject ④
Geography	F800	English or Welsh, Mathematics	BBB with B in Geography, ABB without Geography	DMM-DDM with specified subject	28-30 points overall with 4-5 points in Geography at Higher Level	65-75% overall with 70% in specified subject
<b>H</b> History	V100	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
History and Economic and Social History	V390	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
History and Media	VP13	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
History and Welsh History	VVC2	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
Human Geography	L700	English or Welsh	BBB with B in Geography, ABB without Geography	DMM-DDM with specified subject	28-30 points overall with 4-5 points in Geography at Higher Level	65-75% overall with 70% in specified subject
Human Rights	M990	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall

\*subject to approval

## Bachelors honours degrees

Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
I International Politics	L241	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
International Politics and Intelligence Studies	L250	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
International Politics and Military History	LV2H	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
International Politics and Strategic Studies	L251	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
International Politics and the Non-Western World	LL30	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
Internet Computing and Systems Administration	H602	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
Internet Computing and Systems Administration (inc Integrated Industrial and Professional Training)	H603	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
L Law	M100	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
Law	M101	English or Welsh	Class 2:1 in a first degree in any subject	Class 2:1 in a first degree in any subject	Class 2:1 in a first degree in any subject	Class 2:1 in a first degree in any subject
Law	M103	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
Liberal Arts* ❶	W4A1	English or Welsh	BBB-AAB	DMM-DDD	30-34 points overall	70-80% overall
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	English or Welsh, Mathematics and a science subject ❸	BBC-BBB with B in Biology or Human Biology ❹	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ❹
Marketing	N500	English or Welsh, Mathematics	BBC	DMM	25 points overall	75% overall
Mathematical and Theoretical Physics	F340	English or Welsh, Mathematics	ABC with A in Mathematics and B in Physics, or BBB with B in Physics and B in Mathematics	DMM-DDM with specified subject and B in A level Mathematics	28-30 points overall with 4-5 points in Physics and 4-5 points in Mathematics at Higher Level	70% points overall with 60% in Physics and 75% in Mathematics at Higher Level
Mathematics	G100	English or Welsh, Mathematics	ABC with A in Mathematics or BBB with B in Mathematics	DMM-DDM with A/B in A level Mathematics	28-30 points with 4-5 points in Mathematics at Higher Level	70% overall with 75% in Mathematics
Mathematics (includes foundation year)	G10F	English or Welsh, Mathematics	Available to candidates without formal qualifications who have suitable background education, experience and motivation			
Media and Communication Studies	P300	English or Welsh	BBC-BBB ❺	DMM-DDM ❺	28-30 points overall ❺	65-70% overall ❺
Medieval and Early Modern History	V190	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
Microbiology	C500	English or Welsh, Mathematics and a science subject ❸	BBC-BBB with B in Biology or Human Biology ❹	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ❹
Modern and Contemporary History	V191	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
Modern German Studies	R200	English or Welsh	BBC with B in German unless to be studied as a beginner ❷	DMM with specified subjects ❷	28 points overall with 5 points in German at Higher Level unless to be studied as a beginner ❷	68% with 70% in German unless to be studied as a beginner ❷

\*subject to approval

## Bachelors honours degrees

	Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
P	Physical Geography	F840	English or Welsh, Mathematics	BBB with B in Geography, or ABB without Geography	DMM-DDM with specified subject	28-30 points overall with 4-5 points in Geography at Higher Level	65-75% overall with 70% in specified subject
	Physics	F300	English or Welsh, Mathematics	BBC with B in Physics and B in Mathematics	DMM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
	Physics (includes foundation year)	F301	English or Welsh, Mathematics	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	BBC with B in Physics and B in Mathematics	DMM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
	Plant Biology	C200	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④
	Political Studies	L200	English or Welsh	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
	Politics and Modern History	V135	English or Welsh	BBB with B in any subject	DMM-DDM	30-32 points overall	70-75% overall
	Psychology	C800	English or Welsh, Mathematics	BBC with B in any subject	DMM	30 points overall	65% overall
	Psychology (inc integrated year in industry)	WF7F	English or Welsh, Mathematics	BBC with B in any subject	DMM	30 points overall	65% overall
	Psychology (inc integrated year studying abroad)	N1FW	English or Welsh, Mathematics	BBC with B in any subject	DMM	30 points overall	65% overall
R	Romance Languages	Q990	English or Welsh	BBC with B in a relevant language unless to be studied as a beginner ②	DMM with specified subjects ②	28 points overall with 5 points in a relevant language at Higher Level unless to be studied as a beginner ②	68% with 70% in a relevant language unless to be studied as a beginner ②
S	Scenography and Theatre Design	W460	English or Welsh	BBC-BBB ⑤	DMM-DDM ⑤	28-30 points overall ⑤	65-70% overall ⑤
	Social Science	L301	English or Welsh, Mathematics	BBB with B in any subject	DMM-DDM	30 points overall	70-75% overall
	Software Engineering (inc Integrated Industrial and Professional Development) (BEng)	G600	English or Welsh, Mathematics	BBC	DMM	28 points overall	75% overall
	Space Science and Robotics	FH56	English or Welsh, Mathematics	BBC with B in Mathematics and B in Physics or Computer Science	DMM with specified subjects	28 points overall with 5 points in Mathematics and 5 points in Physics or Computer Science at Higher Level	75% overall with 60% in Mathematics and 60% in Physics or Computer Science
	Sport and Exercise Science	C600	English or Welsh, Mathematics and a science subject ③	BBC	DMM	28 points overall	70% overall
	Systems and Control Engineering (BEng)* ①	132F	English or Welsh, Mathematics	BBC with B in Mathematics and C in a science subject	DMM with specified subject and B in A level Mathematics	28 points overall with specified subjects	75% overall with specified subjects
T	Tourism Management	N800	English or Welsh, Mathematics	BBC	DMM	25 points overall	75% overall
V	Veterinary Biosciences	D906	English or Welsh, Mathematics and a science subject ③	BBB-ABB with B in Biology or Human Biology	DDD	32 points overall with 5 points in Biology at Higher Level	70-75% overall with 75% in specified subject
W	Welsh (for Beginners)	Q522	English or Welsh	BCC with evidence of linguistic ability	MMM-DMM with evidence of linguistic ability	26 points overall with evidence of linguistic ability	65% overall with evidence of linguistic ability
Z	Zoology	C300	English or Welsh, Mathematics and a science subject ③	BBC-BBB with B in Biology or Human Biology ④	DDM	30 points overall with 5 points in Biology at Higher Level	65-70% overall with 75% in specified subject ④

\*subject to approval

## Integrated Masters degrees

Degree scheme	UCAS code	GCSE (grade C min)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
Astrophysics (MPhys)	F511	English or Welsh, Mathematics	BBB with B in Physics and B in Mathematics	DMM-DDM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
Biology (MBiol)	C109	English or Welsh, Mathematics and a science subject ③	BBB-ABB with B in Biology or Human Biology ④	BTEC insufficient	36 points overall with 6 points in Biology at Higher Level	75% overall with 75% in specified subject
Engineering Physics (MEng)* (inc Integrated Industrial and Professional Training) ①	168F	English or Welsh, Mathematics	BBB with B in Physics and B in Mathematics	DMM-DDM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
Law and Legal Practice (MLaw)* ①	P9T3	English or Welsh	BBB	DMM-DDM	30 points overall	70-75% overall
Liberal Arts (MLibArts)* ①	W4A2	English or Welsh	BBB-AAB	DMM-DDD	30-34 points overall	70-80% overall
Mathematical and Theoretical Physics (MMath)	F341	English or Welsh, Mathematics	ABB with A in Mathematics and B in Physics	DDM with specified subject and A in A level Mathematics	34 points overall with 5 points in Physics and 6 points in Mathematics at Higher Level	70% points overall with 60% in Physics and 80% in Mathematics at Higher Level
Mathematics (MMath)	G103	English or Welsh, Mathematics	AAB with A in Mathematics	DDM-DDD with A in A level Mathematics	34 points overall with 6 points in Mathematics at Higher Level	70% overall with 80% in Mathematics
Physics (MPhys)	F303	English or Welsh, Mathematics	BBB with B in Physics and B in Mathematics	DMM-DDM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
Physics with Planetary and Space Physics (MPhys)	F366	English or Welsh, Mathematics	BBB with B in Physics and B in Mathematics	DMM-DDM with specified subject and B in A level Mathematics	28 points overall with 5 points in Physics and 5 points in Mathematics at Higher Level	Pass overall with 60% in Physics and 60% in Mathematics
Software Engineering (MEng) (inc Integrated Industrial and Professional Development)	G601	English or Welsh, Mathematics	AAB with B in any subject	DDM	32 points overall	80% overall
Space Science and Robotics (MPhys)	FH5P	English or Welsh, Mathematics	BBB with B in Mathematics and B in Physics or Computer Science	DMM-DDM with specified subjects	28 points overall with 5 points in Mathematics and 5 points in Physics or Computer Science at Higher Level	75% overall with 60% in Mathematics and 60% in Physics or Computer Science
Systems and Control Engineering (MEng)* (inc Integrated Industrial and Professional Training) ①	132G	English or Welsh, Mathematics	AAB with B in Mathematics and C in a science subject	DDM with specified subject and B in A level Mathematics	32 points overall with specified subjects	80% overall with specified subjects
Zoology (MBiol)	C309	English or Welsh, Mathematics and a science subject ③	BBB-ABB with B in Biology or Human Biology ④	BTEC insufficient	36 points overall with 6 points in Biology at Higher Level	75% overall with 75% in specified subject

## Foundation degrees

Degree scheme	UCAS code(s)	GCSE (min grade C)	A level	BTEC National Diploma	International Baccalaureate	European Baccalaureate
Agriculture	D402	English or Welsh, Mathematics or a science subject ③	CC-DDD	MMP	24 points overall	60% overall
Agriculture (inc work placement year)	D403	English or Welsh, Mathematics or a science subject ③	CC-DDD	MMP	24 points overall	60% overall
Countryside Management and Conservation	D440	English or Welsh, Mathematics or a science subject ③	CC-DDD	MMP	24 points overall	60% overall
Countryside Management and Conservation (inc work placement year)	D4C1	English or Welsh, Mathematics or a science subject ③	CC-DDD	MMP	24 points overall	60% overall
Equine Studies	D324	English or Welsh, Mathematics or a science subject ③	CC-DDD	MMP	24 points overall	60% overall

\*subject to approval



# You may also like to know...



## Additional Costs

The academic provision of the University includes certain elements of study away from Aberystwyth. These involve activities such as field courses in biological, geographical and environmental science subjects, and visits to theatres, galleries and museums in humanities-based subjects. The additional costs of such opportunities are not included in the tuition fees. If you are intending to study one of these subjects you should therefore note the need to budget for these events. Further details will be available from the department organising the event.

Based on 2015 costs, these figures give you an estimate of the sums involved. Costs will vary as will the location and duration of the study programme. Please see our website for up to date information: [www.aber.ac.uk/en/student-finance/undergraduate-uk/additional-fees](http://www.aber.ac.uk/en/student-finance/undergraduate-uk/additional-fees)

## Art

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
AH11120 Cultures of Collecting	1 day	Cardiff/Liverpool/ Birmingham/ Manchester	First year Art History field trip	£10
Open to all art students (optional)	Tbc	Tbc	Annual international field trip	£350-400

## Biological, Environmental and Rural Sciences

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
BR11220 Equine Study Tour	5-7 days	Ireland or South East England	Study tour	£200
BR33110 Terrestrial Ecology Field Trip	8 days	Ireland	Field trip	£110 + 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	£65 + travel (~£75)
BR32910 Freshwater Biology Field Course	1 week	Scotland – Loch Lomond	Residential field course	£25 + travel
BR32810 Evolution Field Course	1 week	Pembrokeshire	Residential field course	£110 + travel
BR232620 Arctic Ecology Field Course	9-10 days	Abisko, Swedish Lapland	Field trip	£320 + travel (£330)

## Computer Science

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
All degrees within the Department	1 night	Gregynog, mid Wales	Compulsory for all first year students.	£40
All degrees within the Department	1 night	Gregynog, mid Wales	Compulsory for second year students doing an industrial year	£30

## Cymraeg/Welsh

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
Welsh for Beginners (Q522)	4 weeks	Aberystwyth	Intensive Welsh course	£300 (Non-Resident), £700 (Residential)
Celtic Studies/Irish/Welsh and the Celtic Languages	2 weeks	Ireland/Brittany	Irish or Breton language course	£400-500

## 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 DBS check)
ED330220 Communicating Science: The Scientists, the Media and the Public	1 day	Science museum	Study trip	£20

## Geography and Earth Sciences

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
<b>Geography degree schemes (F800, F801, F840, L700, Majors, Joint Honours)</b>				
<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>				
GG22420; DA22420 Option 1: Available for all Geography schemes	1 week	UK/Ireland based	Second year field trip	Daily expenses only
GG22420; DA22420 Option 2: Available for BA Human Geography/BSc Geography only	1 week	New York (or equivalent)	Second year residential field trip	£500 and travel* and daily expenses
GG22420; DA22420 Option 3: Available for BSc Physical Geography / BSc Geography only	1 week	Crete (or equivalent)	Second year residential field trip	£700 - 750 and daily expenses
GG22420; DA22420 Option 4: Available for BSc Physical Geography / BSc Geography	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 Daeryddiaeth (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)	-	-	Students are responsible for travel, materials and other costs involved in Dissertation research. Limited support is available through travel awards competitions	Variable
GG34220 Geography Major / Joint Honours Project (Compulsory for Major and Joint Honours students)	-	-	Students are responsible for travel, materials and other costs involved in project research. Limited support is available through travel awards competitions	Variable
<b>Environmental Earth Science (F640)</b>				
<i>Environmental Earth Science students participate in residential fieldtrips in each of the three years of their degree as follows:</i>				
EA11410 Environmental Earth Science	1 week	North Wales	First year residential field trip	Daily expenses only
EA21720 Environmental Earth Science	1 week	South West England	Second year residential field trip	Daily expenses only
EA31110 Environmental Earth Science	1 week	Ireland	Final year residential field trip	£300
<i>In addition to field courses, students may incur additional costs for the following module:</i>				
EA30330 Independent Project for Environmental Earth Science (Compulsory for F640 students)	-	-	Students are responsible for travel, materials and other costs involved in Dissertation research. Limited support is available through travel awards competitions	Variable

\* Students participating in the New York and New Zealand fieldtrips are responsible for booking their own flights. Flights to New York are approximately £350 - 400, and flights to New Zealand are approximately £1,100 - 1,250, but both are subject to change with variations in fuel prices and aviation taxes.

## History and Welsh History

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
HQ34330 Pillars of the Earth	1 day	Worcester	Visit to cathedral and medieval library	£25
Available for all History students	2 nights	Gregynog, Mid Wales	Modern History Colloquium	£50 and travel
Available for all History students	2 nights	Gregynog, Mid Wales	Medieval History Colloquium	£50 and travel
Available for all History students	1 night	Gregynog, Mid Wales	Eighteenth Century Colloquium	£35 and travel
Available for all History students	2 nights	Gregynog, Mid Wales	Welsh History Colloquium	£50 and travel

\* Departmental subsidy may be available

## Management and Business

Degree scheme/module number	Duration	Location	Nature of activity	Approx. cost
MM19120 Tourism in Practice	3 days	North Wales	Study tour	£65
RS20510 International Tourism in Practice	1 week	Malta	Study tour	£350

## 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	£80-90
Film and Media students	-	Wales	Industry field trips	£5-20
Scenography and Theatre Design students	-	Aberystwyth	Materials for workshop	£25
All new students	-	Aberystwyth	Optional performances during registration and welcome week will incur a fee. There will also be a number of free activities	Up to £30

# Frequently Asked Questions

Here are some answers to the most frequently asked questions. Please feel free to contact us with any other questions that you may have – our friendly staff are always on hand to help.

## **I am not taking A levels or any of the school-leaving qualifications shown in the entry requirement sections – does this mean I am not eligible to apply to Aberystwyth?**

No, not at all, we welcome all 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.

You are not required to make a final choice of the modules to be studied in Part 1 until you have had an opportunity to discuss your interests with your tutors at registration.

## **What help will I have?**

Our academic staff are responsible for ensuring that you have the opportunity to progress satisfactorily. In most disciplines, lectures are used to convey information and to arouse enthusiasm. Guidance in solving particular problems and detailed study of specific texts and topics is given in practical sessions and in seminars. Tutorials are used in some courses to give you individual attention. The seminars and tutorials provide you with an opportunity to ensure that all your questions receive a clear explanation.

## **Will I have help with study skills?**

The International English Centre provides a range of opportunities to enable you to develop your learning skills. These include tackling topics such as organising information, clear and precise writing for essays, reports, dissertations, critical reading, efficient note-taking and effective revision techniques. Expertise is also available to support students with additional needs and the Centre operates a comprehensive service to help students with dyslexia and other learning difficulties. The International English Centre also offers courses to help students, whose first language isn't English, to reach the standard of language required to study a degree course here. More information is available online: [www.aber.ac.uk/en/international-english](http://www.aber.ac.uk/en/international-english)

## **How does studying at university differ from being taught in school?**

At Aberystwyth, you will be taught through a combination of lectures, seminars, and tutorials. In a lecture you will join 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](mailto:conferences@aber.ac.uk)

The major opportunities for you to visit are our **Open Days** on **Wednesday 29 June, Saturday 17 September, Saturday 15 October** and **Saturday 12 November 2016** (see page 18).

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 Virtual Open Day

Experience Aberystwyth University without the travel by joining our Online Virtual 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. **2016 Online Virtual Open Days 26 April, 27 July, 8 December.**

Find out more: [www.aber.ac.uk/virtual](http://www.aber.ac.uk/virtual)

## 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







# Aberystwyth Map

## Penglais Campus

- |   |  |  |
|---|--|--|
| <p><b>1 Reception/Enquiries - SY23 3FL</b></p> <p><b>2 Aberystwyth Arts Centre - SY23 3DE</b></p> <ul style="list-style-type: none"> <li>- Great Hall</li> <li>- Theatre</li> <li>- Visitors' Car Park</li> </ul> <p><b>3 Parry-Williams Building - SY23 3AJ</b></p> <ul style="list-style-type: none"> <li>- Theatre Film and Television Studies</li> <li>- Mercator</li> </ul> <p><b>4 Hugh Owen Library - SY23 3DZ</b></p> <ul style="list-style-type: none"> <li>- Library and Information Services</li> </ul> <p><b>Hugh Owen Building - SY23 3DY</b></p> <ul style="list-style-type: none"> <li>- English and Creative Writing</li> <li>- History and Welsh History</li> <li>- Modern Languages</li> <li>- Welsh and Celtic Studies</li> <li>- A12 and A14 Lecture Theatres</li> </ul> <p><b>5 Llandinam Building - SY23 3DB</b></p> <ul style="list-style-type: none"> <li>- Geography and Earth Sciences</li> <li>- Computer Science</li> <li>- International English Centre</li> </ul> | <p><b>6 Cledwyn Building - SY23 3DD</b></p> <ul style="list-style-type: none"> <li>- Academic Quality and Records Office</li> <li>- Admissions</li> <li>- International Office</li> <li>- Communications, Marketing and Public Affairs</li> </ul> <p><b>7 Physical Sciences Building - SY23 3BZ</b></p> <ul style="list-style-type: none"> <li>- Mathematical and Physical Sciences</li> </ul> <p><b>8 Edward Llwyd Building - SY23 3DA</b></p> <ul style="list-style-type: none"> <li>- Biological Sciences (IBERS)</li> </ul> <p><b>9 Sports Centre - SY23 3AR</b></p> <ul style="list-style-type: none"> <li>- Sports Hall</li> <li>- Swimming Pool</li> <li>- All Weather Sports Pitch</li> </ul> <p><b>10 Sports Cage</b></p> <p><b>11 Design and Print Services - SY23 3UG</b></p> <p><b>12 Student's Union - SY23 3DX</b></p> <ul style="list-style-type: none"> <li>- Careers Service</li> </ul> <p><b>13 Brynamlwg - SY23 3AP</b></p> | <p><b>14 Botany Gardens - SY23 3DF</b></p> <p><b>23 Carwyn James Building - SY23 3FD</b></p> <ul style="list-style-type: none"> <li>- Sport and Exercise Science</li> </ul> <p><b>24 International Politics Building - SY23 3FE</b></p> <p><b>25 Visualisation Centre - SY23 3BF</b></p> <ul style="list-style-type: none"> <li>- Vice Chancellor's Office</li> <li>- Planning Office</li> <li>- Research, Business and Innovation</li> </ul> <p><b>26 Student Welcome Centre - SY23 3FB</b></p> <ul style="list-style-type: none"> <li>- Finance Office</li> <li>- Student Support</li> <li>- Student Wellness Centre</li> <li>- Post Room</li> </ul> <p><b>27 New IBERS Building</b></p> <ul style="list-style-type: none"> <li>- IBERS Rural Studies</li> </ul> <p><b>28 Penglais Day Nursery</b></p> <p><b>30 Penbryn 5 - SY23 3UX</b></p> <ul style="list-style-type: none"> <li>- Education and Lifelong Learning</li> <li>- Psychology</li> <li>- Welsh for Adults</li> </ul> |
|---|--|--|



South Beach

### Halls and Residences

- 15 Penbryn Halls - SY23 3BY**
  - Conference Office
  - Catering Office
  - 'Nightline'
- 16 Cwrt Mawr Halls - SY23 3AN**
- 17 Trefloyne Halls - SY23 3LH**
- 18 Rosser Halls - SY23 3LH**
- 19 Pantycelyn Hall - SY23 3BX**
  - Centre for Welsh Language Services
- 20 Pentre Jane Morgan - SY23 3TE**
  - Student Village
- 22 Lôn Hendre - SY23 3PY**
- 36 Fferm Penglais - SY23 3FH**
  - Accommodation Office

### Llanbadarn Centre

- 31 Rheidol Building - SY23 3AL**
  - Management and Business
  - Information Studies
- 32 Thomas Parry Library**
- 33 Padarn Building**
- 34 Equestrian Centre**
- 35 Elystan Morgan Building - SY23 3AS**
  - Law and Criminology
- 40 Coleg Ceredigion**

### Town

- 50 Old College - SY23 2BH**
- 51 Edward Davies Building - SY23 1NG**
  - School of Art
- 52 Joseph Parry Building**
  - Music Centre
- 53 Theatr y Castell**
  - Theatre, Film and Television Studies
- 55 Vicarage Playing Fields**
- 56 Blaendolau Playing Fields**
- 57 University Boathouse**
- 58 Science Park**
  - No. 12 Human Resources

### Halls and Residences in Town

- 59 Balmoral**
- 60 Blaenwern**
- 61 Clarendon House**
- 62 Caerleon/Pumlumon**
- 63 Aberglasney**
- 64 Ceredigion Hall/Tŷ Glyndwr**
- 65 Carpenter Hall/Tŷ Gwerin**
- 69 Godre'r Glais**
- 70 Brynderw**

### Town Services

- 80 National Library of Wales**
- 81 Public Library**
- 82 Bronglais Hospital**
- 83 Police Station**
- 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**

# Aberystwyth Map

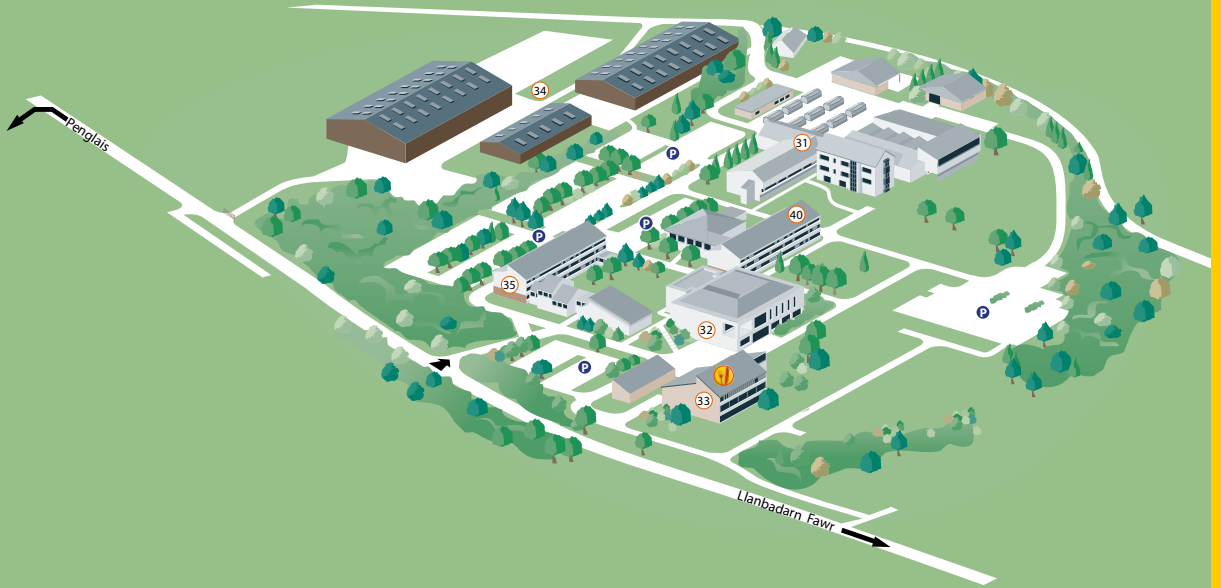
## Penglais Campus

- |  |  |  |
|--|--|--|
| <p><b>1 Reception/Enquiries - SY23 3FL</b></p> <p><b>2 Aberystwyth Arts Centre - SY23 3DE</b></p> <ul style="list-style-type: none"> <li>- Great Hall</li> <li>- Theatre</li> <li>- Visitors' Car Park</li> </ul> <p><b>3 Parry-Williams Building - SY23 3AJ</b></p> <ul style="list-style-type: none"> <li>- Theatre Film and Television Studies</li> <li>- Mercator</li> </ul> <p><b>4 Hugh Owen Library - SY23 3DZ</b></p> <ul style="list-style-type: none"> <li>- Library and Information Services</li> </ul> <p><b>4a Hugh Owen Building - SY23 3DY</b></p> <ul style="list-style-type: none"> <li>- English and Creative Writing</li> <li>- History and Welsh History</li> <li>- Modern Languages</li> <li>- Welsh and Celtic Studies</li> <li>- A12 and A14 Lecture Theatres</li> </ul> <p><b>5 Llandinam Building - SY23 3DB</b></p> <ul style="list-style-type: none"> <li>- Geography and Earth Sciences</li> <li>- Computer Science</li> <li>- International English Centre</li> </ul> <p><b>6 Cledwyn Building - SY23 3DD</b></p> <ul style="list-style-type: none"> <li>- Academic Quality and Records Office</li> <li>- Admissions</li> <li>- International Office</li> <li>- Communications, Marketing and Public Affairs</li> </ul> | <p><b>7 Physical Sciences Building - SY23 3BZ</b></p> <ul style="list-style-type: none"> <li>- Mathematical and Physical Sciences</li> </ul> <p><b>8 Edward Llwyd Building - SY23 3DA</b></p> <ul style="list-style-type: none"> <li>- Biological Sciences (IBERS)</li> </ul> <p><b>9 Sports Centre - SY23 3AR</b></p> <ul style="list-style-type: none"> <li>- Sports Hall</li> <li>- Swimming Pool</li> <li>- All Weather Sports Pitch</li> </ul> <p><b>10 Sports Cage</b></p> <p><b>11 Design and Print Services - SY23 3UG</b></p> <p><b>12 Student's Union - SY23 3DX</b></p> <ul style="list-style-type: none"> <li>- Careers Service</li> </ul> <p><b>13 Brynamlwg - SY23 3AP</b></p> <p><b>14 Botany Gardens - SY23 3DF</b></p> <p><b>23 Carwyn James Building - SY23 3FD</b></p> <ul style="list-style-type: none"> <li>- Sport and Exercise Science</li> </ul> <p><b>24 International Politics Building - SY23 3FE</b></p> <p><b>25 Visualisation Centre - SY23 3BF</b></p> <ul style="list-style-type: none"> <li>- Vice Chancellor's Office</li> <li>- Planning Office</li> <li>- Research, Business and Innovation</li> </ul> | <p><b>26 Student Welcome Centre - SY23 3FB</b></p> <ul style="list-style-type: none"> <li>- Finance Office</li> <li>- Student Support</li> <li>- Student Wellness Centre</li> <li>- Post Room</li> </ul> <p><b>27 New IBERS Building</b></p> <ul style="list-style-type: none"> <li>- IBERS Rural Studies</li> </ul> <p><b>28 Penglais Day Nursery</b></p> <p><b>30 Penbryn 5 - SY23 3UX</b></p> <ul style="list-style-type: none"> <li>- Education and Lifelong Learning</li> <li>- Psychology</li> <li>- Welsh for Adults</li> </ul> |
|--|--|--|

## Halls and Residences

- 15 Penbryn Halls - SY23 3BY**
- Conference Office
  - Catering Office
  - 'Nightline'
- 16 Cwrt Mawr Halls - SY23 3AN**
- 17 Trefloyne Halls - SY23 3LH**
- 18 Rosser Halls - SY23 3LH**
- 19 Pantycelyn Hall - SY23 3BX**
- Centre for Welsh Language Services
- 20 Pentre Jane Morgan - SY23 3TE**
- Student Village
- 22 Lôn Hendre - SY23 3PY**
- 36 Fferm Penglais - SY23 3FH**
- Accommodation Office





## Llanbadarn Centre

### 31 Rheidol Building - SY23 3AL

- Management and Business
- Information Studies

### 32 Thomas Parry Library





### 33 Padarn Building

### 34 Equestrian Centre

### 35 Elystan Morgan Building - SY23 3AS

- Law and Criminology

### 40 Coleg Ceredigion

-  Bus stop
-  Catering outlet
-  Residence reception
-  Study lounge



# Index of Courses

Accounting and Finance	140	Financial Mathematics	150
Adventure Tourism Management	141	Fine Art	54
Agriculture	58, 82	French <i>*subject to approval</i>	154
Agriculture with Animal Science	59	Genetics	71
Agriculture with Business Studies	60	Genetics and Biochemistry	72
Animal Behaviour	61	Geography	107
Animal Science	62	Geography, Human	108
Art History	52	Geography, Physical	109
Artificial Intelligence and Robotics	86	History	113
Astrophysics	160, 166	History and Economic and Social History	114
Biochemistry	63	History and Media	115
Biology	64, 80	History and Welsh History	116
Business and Management	142	Human Rights	136
Business Economics	143	International Politics	122
Business Finance	144	International Politics and Intelligence Studies	123
Business Information Technology	87	International Politics and Military History	125
Business Law	131	International Politics and Strategic Studies	126
Celtic Studies	182	International Politics and the Non-Western World	127
Childhood Studies	97	Internet Computing and Systems Administration	92
Computer Graphics, Vision and Games	88	Law	137
Computer Science	89	Law and Legal Practice <i>*subject to approval</i>	138
Computer Science and Artificial Intelligence	90	Liberal Arts <i>*subject to approval</i>	155, 158
Countryside Conservation	65	Life Sciences	73
Countryside Management	66	Marine and Freshwater Biology	74
Countryside Management and Conservation	83	Marketing	146
Creative Arts	53	Mathematical and Theoretical Physics	162, 168
Creative Writing	101	Mathematics	151
Criminal Law	132	Media and Communication Studies	178
Criminology	133	Medieval and Early Modern History	117
Criminology with Applied Psychology	134	Microbiology	75
Cymraeg	183	Modern and Contemporary History	118
Cymraeg a'r leithoedd Celtaidd	184	Modern German Studies	156
Cymraeg Proffesiynol	185	Physics	163, 169
Data Science	91	Physics with Planetary and Space Physics	164, 170
Drama and Theatre Studies	176	Plant Biology	76
Ecology	67	Political Studies	128
Economics	145	Politics and Modern History	119
Education	98	Professional Welsh	184
Education and International Development	99	Psychology	173
Engineering Physics <i>*subject to approval</i>	161, 167	Romance Languages	157
English Literature	102	Scenography and Theatre Design	179
English Literature and Creative Writing	103	Social Science	129
Environmental Earth Science	105	Software Engineering	93, 95
Environmental Science	106	Space Science and Robotics	165, 171
Equine and Veterinary Bioscience	68	Sport and Exercise Science	77
Equine Science	69	Systems and Control Engineering <i>*subject to approval</i>	94
Equine Studies	70, 84	Tourism Management	147
European History	112	Veterinary Biosciences	78
European Languages	153	Welsh / Cymraeg	183
European Law	135	Welsh and the Celtic Languages	184
Film and Television Studies	177	Zoology	79, 81



# 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 and Information for Students. A copy of the current Rules, Regulations and Information for Students is available on request from the Undergraduate Admissions Office (01970) 622021.

The University offers the information contained in this prospectus for guidance only. The information in this prospectus does not constitute a contract and is not binding on prospective students or the University. While the University makes every effort to check the accuracy of the factual content at the time of publication, some changes will inevitably occur in the interval between publication and the academic year to which the prospectus relates. For example, courses, entry requirements and typical offers may have changed in line with student demand, external requirements and research development. Applicants should not therefore rely solely on the information contained in this prospectus and should visit the University website ([www.aber.ac.uk](http://www.aber.ac.uk))

for more up-to-date information in respect of course content, accreditation and entry requirements for the relevant academic year when considering applying to the University.

Any student who has outstanding 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.

The information contained in this publication was correct at the time of going to print - January 2016.

*Designed and produced by the Design Studio,  
Aberystwyth University. 2016*

*Printed by Sterling Press Ltd.*

*Aberystwyth University is a registered charity. No 1145141.*

# Open Days

Wednesday **29 June 2016** | Saturday **17 September 2016**  
Saturday **15 October 2016** | Saturday **12 November 2016**

Register your place today [www.aber.ac.uk/openday](http://www.aber.ac.uk/openday)

## Virtual Open Days




Tuesday **26 April 2016** | Wednesday **27 July 2016**  
Thursday **8 December 2016**

- ★ Guaranteed first year accommodation
- ★ Over 140 years of excellence in teaching and research
- ★ Valuable scholarships and bursaries
- ★ Amongst the top 200 most international universities in the world, *Times Higher Education 2016*
- ★ Safest university in Wales, and in the top 10 safest in the UK, *Complete University Guide 2015*
- ★ Inspirational research-led teaching
- ★ Trusted support
- ★ Vibrant, friendly and cosmopolitan community by the sea

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

Aberystwyth University  
Penglais Campus  
Aberystwyth,  
Ceredigion SY23 3DD

**Telephone:** +44 (0) 1970 622021  
/ +44 (0) 1970 623111  
**Email:** [ug-admissions@aber.ac.uk](mailto:ug-admissions@aber.ac.uk)

 **Facebook** | [/AberystwythUniversityNewStudents](https://www.facebook.com/AberystwythUniversityNewStudents)  
 **Twitter** | [@AberUni\\_UG](https://twitter.com/AberUni_UG) | [@AberUni](https://twitter.com/AberUni)  
 **YouTube** | [/aberystwythuni](https://www.youtube.com/aberystwythuni)