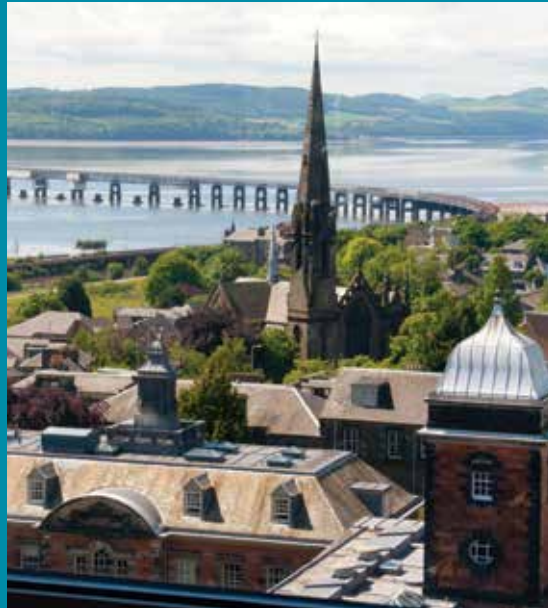


University of Dundee Undergraduate

Prospectus 2016



SCOTLAND'S NO. 1 STUDENT EXPERIENCE FOR THE 5TH YEAR

www.dundee.ac.uk #testdrivedundee

Times Higher Education Student Experience Survey 2010 - 2014



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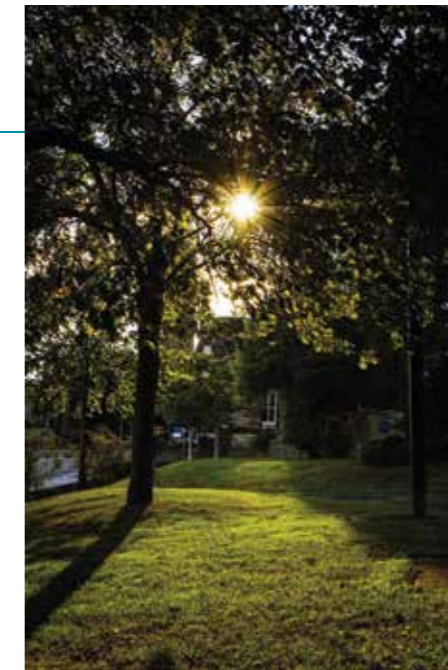
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NUMBER ONE IN SCOTLAND FOR ALL-ROUND STUDENT EXPERIENCE.

Times Higher Education Student Experience Survey 2010 - 2014



Why should you go to university?

Graduate prospects

A university education has always had many benefits – graduates are more likely to get a job than non-graduates, it can lead to a more rewarding or better career and it offers a life experience that stays with graduates forever. For many, these really are among the best years of their lives.

The economic climate of the past five years has only placed more emphasis on the benefits higher education can provide. According to the Office of National Statistics latest *Graduates in the Labour Market* report, graduates have consistently higher employment rates than non-graduates.

Employers are primarily looking to recruit people who have been educated to a high standard and have a wide range of personal and transferable skills. University is the best place to gain that experience and it is university graduates who will form the bedrock of the emergent 'knowledge economy'.

Investment

At Dundee, we believe higher education is an investment for the future. Today's students at Dundee will become tomorrow's doctors, lawyers, teachers, engineers, artists, scientists, entrepreneurs and creative wizards in the UK and around the world.

We strive to ensure that our students get the most out of their time here, that they receive the very best education, experience a wide range of opportunities and ultimately leave equipped to succeed in the modern world.

Do your research

Ultimately you are the best person to decide which path your own future will take. Do as much research as you can into the different universities and degree programmes you are considering. Check out prospectuses and university websites and if you are not sure who offers the course you are interested in try the UCAS Courses search at www.ucas.com.

Wherever you decide to study, you need to be as sure as you can be that you will be happy there, especially since it will be your home for 3 or 4 years, or maybe even longer! The best way to gauge this is to visit the university and ask lots of questions about the courses and campus facilities. We hold visit days throughout the year and you can find out more on pages 32 and 149; just contact us to book your place.

www.dundee.ac.uk/prospectus/visits

“Dundee graduates are among the most sought-after in the employment market.”

The Sunday Times University Guide 2013

Why study at Dundee?

Transformation

We are an established university with a progressive and dynamic outlook. Never complacent, we constantly strive to build on our achievements: investing in excellent facilities, pushing the boundaries of research and developing new ways of using e-learning.

The University of Dundee is actively pursuing a strategy to excel in research and teaching and to develop a 21st century campus for our students and staff to live and work in.

The landscape of Dundee city centre has been transformed with our highly-praised £200m campus redevelopment. This has included the construction of brand new energy efficient teaching buildings with the most advanced teaching technologies, fantastic ensuite student accommodation with access to what the BBC called a 'superfast' fibre-optic broadband network, extension of the Institute of Sport and Exercise (ise) and Main Library, and culminating in the creation of the Campus Green, providing a beautiful space for students and staff to relax and enjoy campus life.

Campus community

We enjoy an unrivalled position in the centre of Dundee, close to shops, theatre and transport links and with outstanding views over the River Tay.

The Virgin Guide to British Universities described Dundee as "a traditional, premier-league university, but unusually relaxed and friendly", and the city itself has been described as the biggest village in Scotland because of the warm and friendly community spirit.

With 3,000 staff and nearly 18,000 undergraduate and postgraduate students coming to the University of Dundee from all over the UK, Europe and beyond, we have a truly welcoming and diverse campus community.

Innovation

At Dundee we are always moving forward. Our academic staff make advanced use of e-learning methods to support and enhance their teaching. Most of our modules are supported online by our virtual learning environment called *My Dundee*, and many use techniques such as online discussions, e-assessment, video clips and podcasts to enhance student learning.

The University has recently been named one of the world's top 3 workplaces in an international poll of scientists, and Professor Sir Philip Cohen has been named among the '100 most important people in British science' by The Times. His work on protein phosphorylation – a process that controls how cells behave – has improved our understanding of cancer and other diseases.



Ranked in the **World's Top 205 Universities** by the Times Higher Education World University Rankings 2014/15.



What our students think...

In the most recent National Student Survey (2014), over 90% of our students in the following subjects were satisfied with the quality of their course: accounting, architecture, biology, computer science, dentistry, English, fine art, history, mathematics, medicine, politics, and psychology. Education, geography, mechanical engineering and philosophy even scored 100%!

“As soon as I walked onto the campus at Dundee, I knew instantly that this was the university I wanted to go to. The staff were so friendly, enthusiastic and helpful and the facilities were fantastic. These were some of the many factors that set my decision in stone. I knew studying at this university for the next four years would be the best decision I could ever make. So far I don't regret a thing.”

*Comment from Louise Myles,
BSc Hons Mathematics graduate.*

The perfect city for student life...

Student-friendly city

Dundee is home to two distinct universities – the University of Dundee and the University of Abertay – and together they attract more than 20,000 students to the city, giving Dundee more students per head of population than any other Scottish city. Both universities are located in campuses that are in the heart of the city, lending a real buzz to the city centre, with many student-friendly facilities.

The **University of Dundee** is the larger of the two universities and attracts students from all over the world. Our city campus forms the heart of the west end of Dundee's city centre and everything is within easy reach – most residences are on site, and the main shopping area, train station and other facilities are all within five minutes walk.



Retail heaven

Dundee has an inspiring mix of shops of all sizes, making for a fantastic shopping experience in a vibrant city centre, five minutes walk from the University's city campus.

The stylish Overgate Shopping Centre hosts all the familiar high street brands and a selection of quirky trading stalls. The High Street, Murraygate and Wellgate Centre add to the 'mainstream' shopping. If you are looking for unique gifts, art and jewellery, a tantalising range of boutiques and galleries is located on Nethergate, Perth Road and Westport.



Music scene

The Students' Union has plenty to offer any night of the week but should you choose to venture deeper into the city's nightlife you'll find a wide variety of options. The live music scene in Dundee is alive and kicking – the city has spawned home-grown indie rock bands like **The View** and **The Law**, and **Snow Patrol** was originally formed by University of Dundee students.

There is also a good selection of club nights to suit any musical taste from house to metal. The Caird Hall hosts a steady programme of classical and contemporary concerts, while the **Jazz Festival** and the **Blues Bonanza** – Europe's biggest free music festival – are highlights on the events calendar.

www.dundee.com/whats.html



Dundee, with its setting on the banks of the River Tay, has been described by actor and former University Rector Stephen Fry as "ludicrously ideal".

Cafés & restaurants

For a small city, Dundee has a huge amount to offer and an eclectic mix of bars and traditional pubs, cafés and restaurants are located within minutes of the city campus.

Whether you're meeting friends during the day for coffee or heading out for a meal in the evening, there is a wide variety of different places to try, catering for every taste and budget. Thai, Mexican, Italian, Turkish, Chinese, Indian, Mediterranean, American and French cuisine are all on offer in restaurants nearby.



New developments

The Dundee Waterfront Project will reconnect the city with its waterfront. This major £330 million, 30 year project aims to provide a modern, accessible, functional and attractive space for the people of Dundee that will also position Dundee as a leading Scottish centre for visitors and businesses.

www.dundewaterfront.com



A city of culture and design

Dundee's cultural life is flourishing right now. We were named a finalist for the UK City of Culture 2017 and became the first UNESCO City of Design in the UK in December 2014. This prestigious award recognises the huge contribution the city has made to design worldwide. Visit our cultural quarter and see for yourself how our City is going from strength to strength.

Stimulating Campus

As you would expect, the University plays a large part in the cultural life of the city. The hugely popular free **Saturday Evening Lecture Series** was established in 1924 and has attracted the likes of TV historian **Dan Snow**, journalist **Evan Davis**, traveller **Jason Lewis** and V&A Director **Sir Mark Jones** to give public lectures on our city campus.

The **Design in Action** project has hosted many high-profile speakers to give public lectures on campus. Previous speakers include Red or Dead founder Wayne Hemingway, Head of Design at Spotify, Stanley Wood and Jaguar Head of Design, Ian Callum (which was in partnership with V&A Museum of Design Dundee).

Literary Dundee has attracted audiences from across the UK and has featured readings from **Ian Rankin**, **Nicci French**, **Alexander McCall Smith**, **Val McDermid** and **Sophie Hannah**, as well as children's authors, **Joan Lingard** and **Philip Pullman**.

www.literarydundee.co.uk

Dundee Literary Salons were founded by the University's Chair of Creative Writing, **Professor Kirsty Gunn**, author of *The Big Music*. A wide range of literary figures, from editors to publishing agents and writers have appeared to talk about their work.

The University also hosts major exhibitions and events throughout the year, from art produced by our own students to internationally renowned speakers.

www.dundee.ac.uk/events

Places to Visit

For inquisitive minds, the **Dundee Science Centre** offers hands-on interactive exhibits, based upon the five senses. History and heritage themes are explored at **Discovery Point**; home to Captain Scott's famous polar exploration ship 'Discovery', while **Verdant Works** provides an insight into 19th century jute mill life in Dundee.

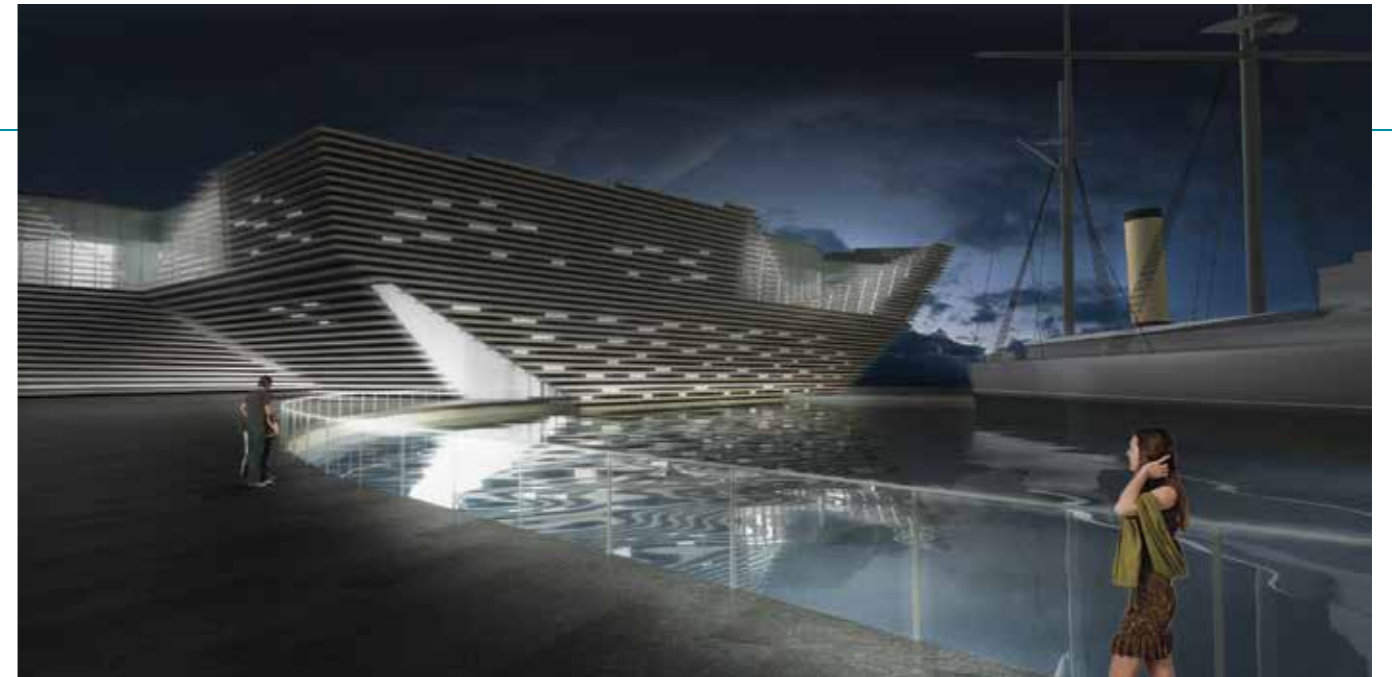
In the **Mills Observatory**, Dundee has the UK's only full-time public observatory, where visitors can enjoy looking at breathtaking views of the stars and planets.

The **University of Dundee Botanic Garden** has been described as the jewel in the crown of the University. The garden is arranged geographically, so that you can walk through the world's temperate regions from the Mediterranean to East Asia. There is a popular café and gift shop, whilst regular art exhibitions are hosted in the Visitor Centre.

www.dundee.ac.uk/botanic

The McManus is Dundee's Art Gallery & Museum. Visitors can embark on a journey through 400 million years, and witness how a small settlement developed into the City of Dundee as it is today. Recent shows have included an exhibition of Leonardo Da Vinci's beautiful drawings.

www.mcmanus.co.uk



As part of the Dundee Waterfront Project, the University is working with the Victoria and Albert Museum, London and other partners to create **V&A Museum of Design Dundee**. The first design museum ever to be built in the UK outside London, it will be housed in a stunning new building by world-renowned architect Kengo Kuma, with work starting on site in 2015.

V&A Dundee will host international touring exhibitions from the V&A, celebrate Scotland's design heritage, inspire and promote contemporary talent, and encourage design innovation for the future. It is estimated that V&A Dundee will bring hundreds of thousands of visitors to Dundee annually, as well as attracting many creative businesses and adding to broader job creation in the region.

www.vandadundee.org

Cultural Quarter

The award winning **Rep Theatre** is adjacent to the city campus and home to Scotland's only full-time acting ensemble and the Scottish Dance Theatre. The Rep hosts a mix of stage productions including drama, musicals, contemporary & classical dance, comedy, jazz and opera.

www.dundeerep.co.uk

Alternatively, **Dundee Contemporary Arts** (DCA) offers art-house and mainstream films in a two-screen cinema alongside a contemporary art gallery, a print studio and the University's **Visual Research Centre**.

www.dca.org.uk

www.vrc.dundee.ac.uk

Nearby, the **Whitehall Theatre** offers family, musical and theatrical entertainment, while the **Caird Hall**, in City Square, hosts opera, ballet, comedy and rock/pop gigs, as well as the university's graduation ceremonies.

www.whitehalltheatre.com

www.cairdhall.co.uk



Dundee is a city that's rich in culture, both historical & contemporary. This is a city that punches way above its weight in the arts.

The List Guide to Dundee

Our reputation



World leading research

The University of Dundee has an international reputation and continues to attract top-class researchers from across the world in subjects as diverse as medicine, biological sciences, engineering, law, fine art and design, social work and dentistry.

Our research has recently been ranked among the very best in the UK in the main test of research quality, the Research Excellence Framework 2014.

- We recorded the highest level of 4-star, or 'world-leading', research in the **biological sciences** of any University in the UK, and achieved an outstanding set of results across the STEM subjects - **science, technology, engineering & mathematics** - where the University's quality profile was the highest in Scotland.
- Our vision of transforming lives locally, nationally and globally was also reflected in high scores for 'Impact' across many of our research areas, from **clinical medicine**, which was first in the UK, to **social work**.
- Our medical and life sciences research is world renowned, with particular expertise in cancer, diabetes, cardiovascular disease and neglected tropical diseases.
- World leading researchers have developed the SpaceWire standard, used by space organisations across the world.

Discovery

New research projects are continually launched creating an exciting and challenging environment for staff and students and shaping our future. Some of our current projects include:

- Our Centre for Anatomy and Human Identification uses state-of-the-art forensic science techniques and facial reconstruction to generate images and models from human remains. Most recently the team was the focus of the BBC 2 four part series History Cold Case where they also used historical detective work to build a picture of a man's life and death, giving him his face back for the first time in 800 years. This work has led to CAHiD being awarded a prestigious Queen's Anniversary Prize for Higher Education in 2013.
- Our mathematics and medical researchers are using mathematical modelling to gain better understanding into cancer development and treatment.
- Researchers in the Centre for Environmental Change and Human Resilience (CECHR) are working on a number of projects including assessing climate change and impacts on the quality and quantity of water, and considering models of decentralised electricity supplies.

Teaching reputation

The University regularly achieves high ratings in the various published league tables. We were ranked 1st in the UK for Dentistry and 5th in the UK for Medicine by the Guardian University Guide 2015. They also rated us 1st in Scotland for Mechanical Engineering, 2nd in Scotland for Social Work and 3rd in Scotland for Economics and Civil Engineering.

The Times Good University Guide 2015 ranked us 5th in the UK for Dentistry and 6th in the UK for Education. Finally, The Complete University Guide 2015 ranked us 1st in Scotland for Anatomy & Physiology, in the Top 2 in Scotland for Civil Engineering, Town Planning and Dentistry and in the Top 3 in Scotland for Art and Design.

What our students think...

In the National Student Survey 2014, students studying Education, Geography, Mechanical Engineering and Philosophy were 100% satisfied with the quality of their course! More than 95% of students were satisfied with the quality of their teaching in Dentistry, English and Psychology.

We were also ranked No. 1 in Scotland for Overall Satisfaction and Satisfaction with the Learning, Living, Support and Arrival Experiences in the latest International Student Barometer (ISB) survey (Autumn 2013), the largest annual study of international and European students in the world.



RANKED IN THE WORLD'S TOP 205 UNIVERSITIES.

Times Higher Education World University Rankings 2014/15



Preparing you for the future

Students at Dundee are uniquely placed to take advantage of developing their employability skills and attributes, much sought after by graduate recruiters.



Careers service

Our trained **Careers Advisers** are on hand at every stage of your university degree to assist with career choice, planning, education and information. In addition, we regularly liaise with local, national and international graduate employers and organise five major **career and recruitment events** throughout the year. In addition to this, we organise many varied general and subject specific events on a broad range of career areas. Students have the opportunity to use the **JobShop** and **Placement Base** to source part-time vacancies and internships and to undertake one of the Careers Service's modules.

“ I just want to thank you for producing such great students... easily the most rounded and insightful. ”

Rory Hamilton, Head of Insights, Live/Work on Dundee's product design students

The **career planning module** gives you an insight into your own careers profile and options and helps you in presentations, CVs, applications and interview techniques. The **internship module** allows you to gain some real experience in the workplace undertaking a 30 hour internship or placement in a local organisation/business, teaching centre or media organisation and combine this with classes covering career planning issues. Both modules carry academic credit and can form part of the Level 2 curriculum. The career planning module is also available online in addition to bespoke versions for Law and Business Management.

Our graduates can also continue to access the Careers Service after graduation for five years.

Personal development

Personal Development Planning (My PDP) is an online resource which helps you to reflect on your transferable skills, career planning, employability issues and lifelong learning. Working with My PDP supports you in constructing a well-developed CV, which in some cases can be part of an e-portfolio which can be viewed by potential employers. The PDP process allows you to reflect on your individual development and helps you decide on your personal and career goals and focus your approach to academic studies and extracurricular activities. It is continually being developed as a result of staff and student feedback.

www.dundee.ac.uk/careers/mypdp

Graduate skills

In addition, the **Dundee Graduate Skills Award** recognises the value of extracurricular activities that you undertake whilst studying at Dundee. Designed to help students faced with the prospect of an increasingly competitive job market, the award recognises the development of key employability skills through various activities such as part-time work, placements, membership of societies, participation in sport and other events.

More importantly, the Award has been endorsed by local and national employers and professional bodies including the Association of Graduate Careers Advisory Services (AGCAS) and the Confederation of British Industry (CBI).

www.dundee.ac.uk/prospectus/skillsaward

Exercising business creativity

The **Enterprise Gym** gives students the chance to improve their self-reliance and employability through business enterprise skills development from training sessions led by members of the local business community, interactive talks from highly regarded visiting speakers, many workshop style events and online resources devised by our own trainers. Our team of trainers includes the director of a branding company, a managing director of an international engineering business, a highly successful lawyer, the director of a life science business and many others.

In addition to offering an academic module The Enterprise Gym also provides support and guidance to students who are interested in starting their own business.

Students can win awards and earn certificates that help them to highlight key transferable skills that organisations seek. Previous award winners have gone on to start up businesses covering areas as diverse as health related technology, marketing promotions, a crowd funded publishing business, a local food business and computer animation.

<http://enterprise-gym.com>

www.facebook.com/enterprisegym

WHEN THEY LEAVE,
MORE THAN **4 IN 5**
GO INTO GRADUATE
LEVEL JOBS.

The Sunday Times University Guide 2013

Supporting you all the way



**RATED NUMBER ONE
IN THE UK FOR GOOD
CENTRAL AND
CONVENIENT FACILITIES.**

Times Higher Education Student Experience Survey 2014



Dundee has invested £200m in developing a 21st century campus to provide you with the resources and support required for the best student experience possible.

Information Technology

UoD IT provides a range of technologies to support students in their learning and research activities at the University, including:

- username and password which allows you to use University of Dundee email, check the status of your application on eVision and access My Dundee, our virtual learning environment, throughout the application process
- Help4U, our Service Desk provides IT support and advice by phone, in person and online
- over 750 generally available PCs on campus in library study zones and IT suites
- Pay2Print, our printing service available in learning and teaching spaces
- wireless access, including WiFi printing, available throughout learning and teaching spaces
- wireless and cabled access to the University's high speed network in all University residential accommodation
- Microsoft Office365-powered email, calendar, unlimited cloud storage and Lync messaging
- free Microsoft software with the Microsoft Advantage & Dreamspark schemes
- free anti-virus software for all students
- additional support for students with a disability: software, equipment and training to ensure that IT is accessible and easy to use

In addition to UoD IT services there are also specialist computer labs in some departments, for example, in media art, engineering and computing.

www.dundee.ac.uk/lit
[@UoD_IT](https://www.facebook.com/uodit)

Support

Adapting to university life can be challenging, but our new Enquiry Centre can direct you to support in a number of specific areas to enable you to get the most out of your university experience, including:

- academic and English language skills
- careers
- chaplaincy
- childcare
- counselling
- disability
- health advice and guidance
- international students
- living in University accommodation
- settling into University life
- student finance and funding.

www.dundee.ac.uk/student-services

For more information about the support available in each area please see pages 147 - 148.

Libraries & learning

Support for learning is at the heart of the services the Library & Learning Centre (LLC) offers. Students can contact their College liaison team for help finding and using resources. The LLC provides access to a wide range of resources in both digital and print formats.

The LLC operates across several sites: the main library, the art library at DJCAD, Ninewells Hospital and Fife Campus, with an additional 2 satellite libraries in the hospitals at Perth and Stracathro. LLC services include:

- face-to-face expert support from professional library staff
- a single point of contact for library and IT queries
- a copy of recommended books and multiple copies of many key texts
- flexible learning spaces – silent study zones, general study zones ideal for group work, and study break zones
- four bookable group study 'pods' with media technology and six drop-in 'pods'
- long opening hours during semester: the Main Library is open from 7.30am to 2.30am Monday – Friday; 10am to 2.30am Saturdays and Sundays
- access to more than one million books and subscriptions to over 5,000 journals, newspapers and databases
- extensive electronic resources including e-books, e-journals, online newspapers, published research materials and image and sound resources which you can access from anywhere in the world
- full access to the University's WiFi, laptop charging points and laptop lockers
- desktop power at every desk
- 322 networked PCs
- self-service machines which allow you to issue several books/DVDs at once, pay any fines, renew and return books - all of which reduces the need for queuing.
- learning café situated in the Main Library
- printing, photocopying and scanning facilities

www.dundee.ac.uk/library

Connect with us



Once you have applied we will give you special access to some of the online resources which our current students use, but have been adapted for our applicants.



Webmail



eVision



My Dundee

Webmail - you will be given your own University of Dundee email address which we will use to communicate with you throughout the application process.

eVision is where you log in to check the status of your application with us, upload scans of any documents we might have requested, e.g. a portfolio for art & design or your qualification certificates, or book your place on an interview or applicant visit. You can also send the admissions team an email through eVision.

My Dundee is the University's virtual learning environment (vle) which our students use to access learning materials and assessments for their modules. As an applicant you can use My Dundee to communicate with other applicants using the Discussion Board, find out a bit more about the course you have applied for and life on our campus, and maybe even look at some examples of lectures or workshops.




“ My Dundee is a great way to meet friends before arrival. Good ice breaker! ”





Meet us online...


If you want to find out more about what's going on at the University of Dundee then you can also connect with us through social media.

 <http://uod.ac.uk/facebook>

 <http://uod.ac.uk/twitter>

 <http://uod.ac.uk/youtube>

 <http://uod.ac.uk/pinterest>

 <http://uod.ac.uk/linkedin>

 <http://uod.ac.uk/googleplus>

Be prepared

Giving our applicants access to information on **My Dundee** helps you to be better prepared when you arrive here. Students who are well-prepared before arriving tend to settle in easier and adapt to their new surroundings more quickly. The University's Welcome team will help you settle into your programme of study, the University campus and to the city.

Welcome Week (also known as Freshers' Week) is the week before classes officially begin and includes a full programme of events - social, sporting and academic - run by the University in partnership with Dundee University Students' Association (DUSA).

Specific events are arranged for students who live locally and are planning to stay at home so that they can meet other new students before Welcome Week. We also arrange sessions during the first weekend of Welcome Week to give students' families more information about life at the University of Dundee.

www.dundee.ac.uk/welcome

Home from home accommodation



Investing in you

We have invested £37 million in our student accommodation so that our students have a modern, safe and well equipped place to work, rest and make friends.

Living and working on campus enables you to throw yourself right into student life, experience the very best that the campus and city have to offer and meet people who will probably end up being your closest friends for the rest of your life.

Our 900 single rooms on campus and over 400 across the road provide the perfect environment for students, just 5 minutes from the city centre and 2 minutes from lecture theatres. We also have 300 rooms between the city campus and Ninewells Hospital which are a 20 minute walk away. We have a Student Support Worker and Assistants on hand to help students as well as night security personnel.

NUMBER ONE IN SCOTLAND FOR ACCOMMODATION.

Times Higher Education Student Experience Survey 2014



Fast connections

We attract students from all over the UK and from over 80 different countries. Dundee has even been named one of the world's top seven intelligent communities and one of the friendliest cities in Scotland, making our University residences the ideal place to make friends with some of the most interesting people on the planet!

Our bedrooms have both WiFi and super fast broadband cable connections allowing you to easily keep in touch with old friends and stay up-to-date with your studies online.

No hidden costs

Staying in University residences means there are no hidden costs as all electricity costs, general maintenance and personal property insurance are included in our price. There is no deposit required for our residences as prepayment of £300 secures your accommodation and is then deducted from the first rental payment. You can pay the whole amount upfront or by instalment – whatever is easiest for you.

Our promise

At Dundee we are proud to guarantee accommodation to all new students at the University who apply before the deadline. Our residence contracts cover the whole academic year (39 weeks from September to May) so you can leave your belongings in your room if you decide to go home for the holidays. Longer contracts are also possible for students who need to stay in Dundee during the summer period.

In addition, Dundee has a wide range of competitively priced private accommodation close to the University campus. Our Students' Union offers free legal advice to help with matters such as leases.

See page 139 for more details on University accommodation.



£37 million investment in Dundee Student Residences with all accommodation ensuite and WiFi available in all rooms.

Our award winning **students' union**

DUSA

Dundee University Students' Association (DUSA), better known as 'the Union', is one of the most successful students' unions in the country. Located at the heart of the city campus, it has been rated the **number one student union** in the country in the National Student Survey year after year and frequently tops the poll in a number of other surveys.

The Students' Association exists to promote and represent the interests of the student body at the University. The Association aims to provide the highest level of social, recreational, advice and support services to all members, irrespective of age, gender, background or beliefs. All profits are invested back into enriching the student experience in Dundee.

As well as being a stylish, contemporary bar and nightclub, the Union also plays a vital role in providing help and support for students and hosts over 120 student societies for all tastes.

As a student-led organisation DUSA responds rapidly to the particular needs of their membership, whilst openly welcoming and encouraging their contribution to the workings of the Association.

www.dusa.co.uk

Services

The Union is the perfect place to find everything you might need between lectures. The **Premier Shop** is a large convenience store (managed by the Students' Association) which sells everything from groceries and magazines to stationery and lab coats. If you're waiting for friends there's WiFi throughout the building and the **Pool Hall** contains 18 pool tables and the latest in video games and quiz machines.

The Union has become renowned for its fantastic food which includes our food court on Level 4, offering a fast food takeaway service covering everything from breakfast to late night party snacks as well as the hugely popular all-you-can-eat buffets throughout the semester. **Air Bar** provides fine coffees, paninis, soup and more and **Liar Bar** serves fast lunches during the day. Proving that your money goes a bit further in Dundee, our shops and bars are consistently ranked the best value for money in the UK.

The University also hosts the **Enquiry Centre**, a centralised student services hub within DUSA, which can help with everything from financial issues, counselling or international problems. A Citizens Advice Bureau is also available in the Enquiry Centre, where you can access consumer, legal, benefit and debt advice.

 www.dusa.co.uk

Get involved

Students are encouraged to get involved on a number of levels and thereby have a chance to influence decisions made by the University or DUSA. Whether you choose to run for election or just participate by voting in student elections, everyone has the opportunity to have their say. There are a whole range of ways students can get involved in representation: DUSA Executive Committee, Student Representative Council (SRC), School President, Class Representatives, Sports Union Executive Committee, Flat Representatives (in University accommodation), Society Council and Independent Court Member.

Representing your peers at university level gives you the opportunity to learn how a large university operates and develop personal networks and employability skills.

Student media

If you fancy a career in media or just want to do something a bit different, why not get involved with DUSA Media. With four separate outlets – DUSA TV, DUSA Radio, The Magdalen magazine and DUSA Media Online – there's plenty for you to get involved in. Check out their website for more information.

www.dusamedia.com

Societies

DUSA supports over 120 societies with that number growing every month. Most subjects on campus have their own societies, from Architecture to Medicine, as do political parties. If you want to engage with a specific cause or charity then there's plenty to choose from, whether you're interested in UNICEF or Amnesty International. Or if you just want to something a bit more fun there's tonnes to choose from including Video Games, Swing Dance, Cooking and Film.

Nightlife

With a capacity of well over 1000 and including a new VIP bar added last year, MONO is the nightclub at the heart of the Union, and also stages a variety of themed events including the legendary Halloween and St Patrick's Day parties. On the music front, recently hosted bands and DJs include Pendulum, Tinchy Stryder, Modestep, Lisa Lashes, Pete Tong, Maxi Jazz, Game of Thrones' Hodor, Example and Groove Armada. Radio 1 DJs such as Vernon Kay, Trevor Nelson, Zane Lowe and Edith Bowman also make regular guest appearances. The Union also offers Floor 5, an alternative clubbing venue for those into drum & bass, indie and guitar rock sounds, as well as two more bars - the Liar Bar and Air Bar. The bars offer a range of entertainment at night, from karaoke and open mic to big screen sport.





Sporting facts

ise

ise (Institute of Sport and Exercise) has a wide range of high class facilities. On campus we provide:

- a huge newly refurbished gym with brand new personal training room
- 2 exercise studios
- 3 glass-backed, competition standard squash courts
- a designated strength performance centre
- a specialised dance/indoor cycling studio
- a 25m swimming pool with sauna
- 4 floodlit, all-weather tennis courts
- 2 large indoor sports halls.

The facilities are complemented by our excellent services.

We offer:

- campus sport leagues and events - for fun and social competition
- personal training - to motivate you in the gym
- an extensive range of exercise classes - to suit all exercise tastes and levels of fitness
- dance courses - to nurture and challenge your creative side
- swimming courses and classes - from learn-to-swim for beginners to swimfit for experts
- sports scholarships - to empower students to combine academic study with high level competition and training
- Performance Centre - to provide sports science and strength and conditioning support for sports clients, with particular expertise in golf and football
- a large range of support services - like physiotherapy and sports massage

At our Riverside Sports Grounds we provide:

- 33 acres of playing fields
- 2 specialised all-weather pitches – one for hockey and one for other sports.

www.dundee.ac.uk/ise



Dundee University Sports Union

The Sports Union is run by 7 elected students who ensure all your sporting wants and needs are met. If there isn't already a club for your sport, come and speak to us and we'll help you set one up. Each Sports Union club is run by its own committee which is made up entirely of students. Being on the club committees gives you the opportunity to shape, guide and develop your club, take on responsibility and improve your organisational and leadership skills. So whether you're a budding athlete, a sporting fanatic or you just want to get fit and make friends, the Sports Union has a place for you!

The choice is yours...

Archery, Athletics and Cross Country, Badminton, Basketball, Boat (Rowing), Boxing, Canoe, Cricket, Cycling, Dance, Equestrian, Fencing, Football, Gaelic Football, Golf, Handball, Hockey, Hurling, Judo, Karate, Lacrosse, Netball, Rucksack (Climbing and Mountaineering), Rugby, Sailing, Shinty, Ski and Snowboard, Skydiving, Squash, Sub Aqua, Sunday League Football, Surf, Swimming and Waterpolo, Tae Kwon-Do, Tennis, Trampoline, Triathlon and Mountain Bike, Ultimate Frisbee and Volleyball.

www.sportsunion.dundee.ac.uk

www.facebook.com/sportsunion

Dundee University Sport

Dundee University Sport is the partnership between ise and Dundee University Sports Union, providing a single infrastructure for the development and delivery of sport at the University and encompasses Team, Club and Campus Sport.

Team Sport: university sports teams compete on the local, regional and national stage with the specific focus of competing successfully in the British Universities Championships. The commitment and ambition of team members is impressive and the hard work in training is often rewarded with league titles and success! Individual and team sport scholarships ensure that the most talented individuals are supported in achieving their sporting goals.

Club Sport: the activity - both sporting and social - that takes place in university sports clubs is one of the most memorable parts of the student experience while at university. Lifelong friendships, bundles of laughs and memories go alongside some great sporting choices at Dundee.

Campus Sport: want to play recreational sport without any additional commitments or training? Then Campus Sport is for you! Fun sport in a relaxed, informal setting - the perfect antidote to the strains of study!

www.dundee.ac.uk/ise/dundeuniversitiesport

Our international community

The ease and speed of communication, travel, trade and international interaction is bringing a global dimension to our community and society. In preparing our students and pursuing our research we are aware of the increasing importance of the international dimension and we are committed to continuing to foster an environment which embraces diversity and brings a richer experience to our students, staff and the community in which we operate. Our research reputation has drawn staff from all over the UK and from 65 countries within Europe and overseas, from Algeria to Zimbabwe. Our international students have joined us from 83 countries to make up 13% of our student body.



Warm welcome

Dundee has a long tradition of welcoming students from all over the world who enjoy the warmth of the Dundee people and a great experience.

Our **International Advice Service** helps our international students settle into Dundee by organising cultural excursions and opportunities to meet other students during the first few weeks, and is available to give advice on a range of issues, such as visa extensions, throughout the year.

www.dundee.ac.uk/international/support

Study abroad

We support and encourage students to take part in the many exchange schemes available. Our **Erasmus Exchange Scheme** has agreements with over 80 institutions in 21 European countries. Students can spend one semester or one academic year at a European institution or undertake a work placement depending on the opportunities available on their specific degree programme.

Our **Transatlantic Student Exchange (TSE)** offers students the opportunity to spend a year in North America, whilst our **Australasia Student Exchange** has agreements with institutions in Australia, Hong Kong, Singapore and New Zealand.

Final year medical and dental students can travel to any hospital worldwide to undertake a period of elective clinical study.

See page 141 for more details.

www.dundee.ac.uk/prospectus/studyingabroad



“ If I had to use one word to describe my Erasmus experience it would be ‘amazing’ – just do it! ”

Aoife Duffy, law graduate, went to the University of Granada, Spain



What our international students think...

The University of Dundee was **ranked No. 1 in Scotland** for Overall Satisfaction and Satisfaction with the Learning, Living, Support and Arrival Experiences in the latest International Student Barometer (ISB) survey (Autumn 2013), the largest annual study of international and European students in the world.

53 UK institutions and 170 institutions worldwide across the whole ISB took part in the Autumn 2013 survey. In particular, we were ranked in the UK Top 3 for the following elements:

- Internet access at my accommodation (1st in UK)
- Making friends from this country (1st in UK)
- The facilities for religious worship (2nd in UK)
- Library facilities (2nd in UK)
- The sports facilities (2nd in UK)
- The social activities and facilities (2nd in UK)
- Making good contacts for the future (2nd in UK)
- The cost of living (2nd in UK)
- The quality of laboratories (3rd in UK)
- Making friends from other countries (3rd in UK)

What our exchange students think...

“ The University has a wonderful environment and really makes you feel at home. The clubs and societies are great and the people I’ve met here have really made my experience great. Dundee feels like my home now and I really feel like the University atmosphere has helped with that. ”

Quote from an American student in the International Student Barometer Survey

“ My Erasmus experience was wonderful. It was an interesting experience in which I learned so much, both artistically, academically and personally. The experience was extremely rewarding for new inspiration and renewed perspective on my studies. I would advise exchange students to get involved with everything they can, and take on each experience with enthusiasm and optimism and you cannot go wrong! ”

Eilidh McKay graduated in 2012 with BA(Hons) in Art, Philosophy, Contemporary Practice and spent a semester at L'École Supérieure des Beaux Arts d'Angers, France

Our green credentials



Green buildings

The Dalhousie Building won the 2008 Green Gown Award for Energy and Water Efficiency. This £15 million building was designed so that we could utilise the low grade heat from our Combined Heat and Power (CHP) plant. It also uses solar shading, heat recovery systems, intelligent lighting and water controls. In 2007, the Queen Mother Building was Highly Commended in the Green Gown Award Sustainable Construction Category. We have an ongoing maintenance programme to update lighting, fit new sensors, install more insulation and fit 'A' rated energy goods into buildings.

Green commitment

Wherever possible, we communicate with our applicants via email and most of our marketing information is available online. This prospectus was printed on paper from sustainable sources.

All our IT suites print double-sided and use recycled paper. You will find recycling points in the courtyards of our residences, around the campus, and the City Council supplies most private accommodation with recycling bins. There are over 1,800 paper recycling bins across the city campus and recycling figures have risen to over 60%. The University and the City are working hard to increase recycling and reduce landfill waste.

Recycling and waste

In 2012 we were awarded funding to install 10 'Big Belly' bins, which have solar powered built in compactors, which allows bins to take 7-8 times more rubbish and reduces the amount of collections we need to make. In February 2013 we were the first university in Scotland to install reverse vending machines on our main campus. Vouchers are issued for plastic bottles and drinks cans which can be redeemed in our campus shops. During term time we also operate a 'freeshop' where students can pick up and swap items rather than buy new.

Green savings

The University was the first in Scotland to have a Combined Heat and Power plant in 1996. It works so well we are exempt from paying Climate Change Levy. The University has signed up for the Carbon Management Programme committing us to producing a 5-year plan on climate change/ carbon reduction. We have set various targets to assist us in reducing carbon across our operations:

uod.ac.uk/greentargets

Fairtrade

In 2008, the University of Dundee was granted Fairtrade status by the Fairtrade Foundation. The University and the Students' Union work hard to supply and stock Fairtrade-approved goods wherever possible and also run events to support Fairtrade Fortnight annually. The City of Dundee was the **first Scottish city to be named a Fairtrade city** in 2004, to reflect the high number of retail and catering outlets supplying fairly traded goods.

Biodiversity

Our Botanic Garden is set in 9.5 hectares, just over a mile from the city campus near the banks of the River Tay. It features many species of indigenous British plants as well as representative collections of important plants from all the continents of the world. To help increase biodiversity on campus we sowed a woodland shade mix of British native plants under trees near the Main Library in 2009 and the area is gradually improving with age.

www.dundee.ac.uk/estates/energy&environment

Green travel

Being a city centre campus, walking and cycling are the most convenient and accessible ways for students to travel within Dundee. All of our city campus residences have secure bike parking and bike racks are provided across all campuses. 'Recycled' bike sales and free bike maintenance are organised throughout the year on our city campus and cycle maps of Dundee are widely available on campus. We also have a bike hire scheme on campus, with reduced rates for students.

Green courses

We have several research groups with expertise in environmental areas, including water and energy related issues. The Centre for Environmental Change and Human Resilience (CECHR) is an exciting new research initiative between the University of Dundee and the James Hutton Institute. CECHR provides a hub for interdisciplinary research addressing how societies can increase their resilience to environmental change and promote sustainable futures. In recent years, we have developed cutting edge courses in:

- Advanced Sustainable Urban Design
- Climate Change & Energy Law and Policy
- Concrete Engineering and Environmental Management
- Design & Construction of Zero Carbon and Ultra-low Energy Buildings
- Environmental Law
- Environmental Sustainability
- Mechanical Engineering with Renewables
- Physics with Renewable Energy Science
- Renewable Energy & Environmental Modelling
- Sustainability
- Water Law, the only UNESCO centre of excellence in the UK.

#testdrivedundee

The decision on which University to apply for is one of the most important you'll ever have to make. Since 2010 we have been ranked number 1 in Scotland every year in the Times Higher Education Student Experience Survey and, while the opinions of our students is a really good indication that we're a great place to study, we don't want you to just take their word for it.

So wouldn't it be brilliant if you had a chance to actually try out a University first?

This was an opportunity we offered future undergraduates last year by asking them to give the University of Dundee a test drive themselves. They'd be able to look at everything they wanted to and ask anything they wanted to know about us. Not only that, they'd be filming, tweeting, posting and making sure that you could see and experience everything they did – you could even make suggestions about where they could go on your behalf – which is kind of like you giving us a test drive too.

So, why not visit www.dundee.ac.uk/testdrive to see what they did and find out how they rated us?

Open days

If you also want to come and experience Dundee for yourself then our organised visits are an excellent way for you to see the University before you apply. You will be able to take a tour around all the University's facilities, including the Institute of Sport and Exercise (ise), the Students' Union (DUSA), library and University accommodation. It's also a great opportunity to speak to current students and academic staff about the courses you are interested in. Everyone is welcome to attend including school students, college students, parents, teachers and careers advisers.

Open day dates in 2015 & 2016:

Main Visit Days

Monday 31st August 2015
 Saturday 26th September 2015
 Monday 29th August 2016 (tbc)
 Saturday 24th September 2016 (tbc)

Medicine & Dentistry

Friday 12th June 2015 (tbc)
 Monday 31st August 2015
 Monday 29th August 2016 (tbc)

Duncan of Jordanstone College of Art & Design (djcad)

Tuesday 27th October 2015

While we encourage everyone to come to one of our main open days we recognise that this is not always possible. Individual visits take place almost every month and they include a tour of the city campus and university accommodation led by a Student Ambassador. Further information and booking details can be found at www.dundee.ac.uk/prospectus/visit



Making your application

For all full-time higher education courses at universities and colleges in the UK, students must apply online via UCAS. Our application calendar on page 144 lists all the key dates to be considered when applying to university.

How your application is dealt with

Once we receive your application from UCAS it will be assessed by two members of staff. To ensure our selection is transparent, consistent and fair you may not receive a decision from us until 31st March. This is to ensure we consider all applications received by the UCAS deadline equally.

We carefully consider all aspects of your application including your qualifications, personal statement and academic reference before making a decision about whether to offer you a place or invite you for interview. We inform UCAS of our decision and UCAS passes this information onto you, the applicant, via UCAS Track.

All applications received by the appropriate deadlines (October 15 for Medicine and Dentistry, January 15 for all other applications) will be given equal treatment. Any applications received after these dates will be treated as 'late' and may not be considered.

To read the full University Admissions Policy, please visit <http://uod.ac.uk/admissionspolicy>.

Interviews, portfolios & selection tests

The courses which require an **interview** at Dundee are:

- > Dentistry
- > Education (MA and PGDE)
- > Medicine
- > Nursing
- > Oral health sciences

The courses which require a **selection test** at Dundee are:

- > Community Learning and Development
- > Social work

The courses which require a **portfolio and interview** at Dundee are:

- > Animation
- > Architecture - portfolio only
- > Art and Design (General Foundation - portfolio only)
- > Art, philosophy, contemporary practices
- > Digital Interaction Design
- > Fine Art
- > Graphic Design
- > Illustration
- > Interior & Environmental Design
- > Jewellery and Metal Design
- > Product Design
- > Textile Design
- > Time Based Art and Digital Film

The above courses require this additional round of selection to help determine your suitability. Each course runs an individual interview or selection programme, so there are no set dates or times for interviews or tests, but generally they take place between January and April.

If there are dates when you are unavailable for interview (e.g. due to examinations) you can mark these in the appropriate space on your UCAS application.

If you are applying to a course that requires an interview, portfolio or selection test we will provide guidance of what is expected of you once we have made our initial assessment after the UCAS deadline.

For more information, please visit www.dundee.ac.uk/prospectus/howtoapply



Entry information

On each course page, Level 1 entry requirements are given for the standard qualifications held by the majority of applicants (see table on page 36). Where relevant, Level 2 entry requirements are also given under the heading 'Advanced Entry (to Level 2)'. For most courses, applicants with A-Levels should consider applying for Advanced Entry (to Level 2) as this offers the best transition from A-Level courses.

For most subjects the prospectus states the 'minimum' and 'typical' entry requirements. Applications received by the UCAS deadline and which already meet or are predicted to meet the minimum entry requirements will be given equal consideration by the admissions selectors, and having a strong personal statement and academic reference will increase your chances of being made an offer of a place. In addition, we also take contextual factors into consideration when making admissions decisions. However, please note that the University offers a wide range of degree programmes with some having a higher level of competition for places than others. For many programmes the level of demand may be such that offers made will be around the 'typical' rather than the 'minimum' level.

Contextual factors

The University recognises that applicants come from a variety of different backgrounds and have not all had the same opportunities to realise their academic potential. The selection process will therefore take account of a range of additional factors or contextual data. The University will consider circumstances where an applicant:

- attends a low progression school where a relatively small number of students go on to higher education or where the number and level of examination passes is below average,
- resides in an area which has been identified by the Scottish Index of Multiple Deprivation as an area of deprivation,
- has spent significant time in care,
- has actively sought to enhance their academic profile by participating in a recognised access programme, such as Lift Off (Tayside) or alternative regional initiatives. This will include access to the professions programmes, such as REACH and ACES, or participation in a recognised summer school or similar.

Furthermore, the University will give particular consideration to applicants who have experienced serious disruption to education or disadvantage, such as illness or personal adversity. Notwithstanding this, applicants have a responsibility to ensure that any such circumstances have already been taken into account by the appropriate examination board where academic results have been affected.

Making your application continued...

Abbreviations used in the course pages

The following table shows the abbreviated titles of entry qualifications which are used in this prospectus and the grades which we accept as passes:

Examination Board	Qualification	Abbreviation	Pass Grades
Scottish Qualifications Authority (SQA)	Higher	H	A-C
	Advanced Higher	AH	A-C
	Standard Grade	SG	1-3
	Intermediate 2	Int2	A-C
	National 5	Nat5	A-C
General Certificate of Education (GCE)	A-Level	A-L	A-E
	AS Level	AS	A-E
	GCSE	GCSE	A-C
Irish Leaving Certificate (ILC)	Higher Level	H	A-C
	Ordinary Level	Ord	A-C
International Baccalaureate (IB)	Higher Level	HL	4-7
	Standard Level	SL	4-7

Please note, when 'Higher' is used without abbreviation it covers SQA, ILC and IB qualifications at this level.

Other qualifications

A variety of other qualifications are also accepted for entry and details of these are given in a table on page 138. These include:

- SQA HNC/HND
- Scottish Baccalaureate
- SWAP Access Programme
- EDEXCEL HNC/HND
- EDEXCEL BTEC Diplomas
- Advanced Diploma
- Welsh Baccalaureate
- European Baccalaureate

For international or EU applicants, please visit www.dundee.ac.uk/prospectus/yourcountry for details of the equivalent qualifications accepted from each country.

Curriculum for Excellence

The University of Dundee supports the implementation of Curriculum for Excellence across the Scottish education system and recognises the importance of its aims to help our young people develop the relevant knowledge, skills and attributes that will help prepare them for learning, life and work.

We have published our full statement on Curriculum for Excellence at www.dundee.ac.uk/cfe along with example Learner Journeys and details of the essential and recommended National 5 subjects to take for our degree programmes.

Curriculum for Excellence introduces more flexible pathways and allows students to present for the most appropriate qualification at the most appropriate stage of their learner journey. With this in mind, from 2015 onwards, the University of Dundee will take a more flexible approach to assessing the suitability of each student's academic profile when making admissions decisions. We would encourage applicants to consider the following key principles:

- All Highers completed by the end of Year 2 of the Senior Phase (S5) will be regarded as completed in a single examination diet or over "one sitting".
- In one year of the Senior Phase candidates would be advised to complete a minimum of 3 subjects at Higher and/or Advanced Higher level.
- Highers achieved at Grade C or below in one year of the Senior Phase will be considered if re-sat the following year.
- Medicine and dentistry normally require 5 academic courses (Highers and/or Advanced Highers) to be taken at one sitting. We require five programmes of study to demonstrate both breadth and volume and therefore ability to cope with the academic rigour of Medical School. However, Highers taken in S4 will gain credit and we will not disadvantage those unable to sit 5 subjects in one sitting as a result of a school's policy.

The University of Dundee is keen to continue considering both Advanced Highers and the Scottish Baccalaureate. These SCQF Level 7 qualifications offer an excellent foundation in the more independent approach to study that is offered at degree level. Dundee is keen to expose each student to the academic challenge which most appropriately matches their abilities and therefore would encourage candidates studying these qualifications to consider Advanced Entry to Level 2 of our undergraduate degrees.

Visit www.dundee.ac.uk/cfe for more details.



Advanced entry

Traditionally in Scotland the majority of Honours degree courses are of four years duration, compared to three years in the rest of the UK. However, it is possible to complete a large number of our Honours degree programmes in three years by starting at Level 2, provided you have met the relevant entry requirements. This is known as 'advanced entry'.

Additionally, some degree programmes are offered as discrete 3 year Honours degrees, e.g. LLB (Hons) English/NI Law and BSc (Hons) Applied Computing: Human Computer Interaction. More details can be found on the relevant course pages.

English language pass

For entry to all courses a minimum standard of English language is required. This should be at least Standard Grade 3 or GCSE Grade C or ILC Ord at C or IB SL at 4. For entrants whose first language is not English an IELTS score of at least 6.0 (or equivalent) is essential.

For some courses there may be good reason for stipulating an English qualification above the minimum. Please visit the programme web pages for details.

Essential subjects

Please check the course entry requirements for any essential subjects including the level of pass specified. Please see our website for details of which subjects are accepted as 'a Science' if not specified on the appropriate page. Remember to check both subjects for Joint Honours entry requirements. Please see the admissions enquiries on page 148 for details of who to contact if you have any specific questions not answered here, or visit www.dundee.ac.uk/prospectus/howtoapply for more information.

A-Z course listings

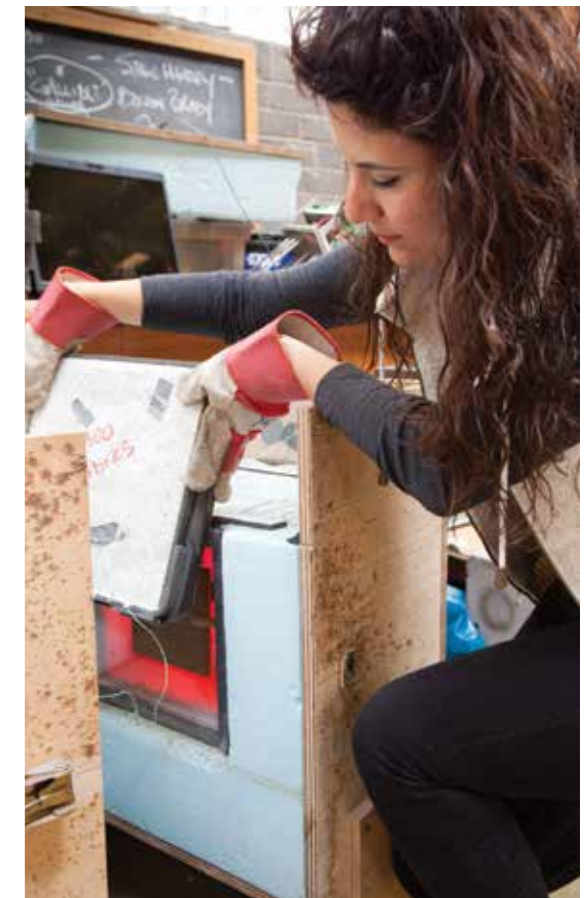
On the following pages you will find information about the degrees we have available. Please visit the relevant programme web page for further information about each course, including additional student and graduate profiles and examples of creative work for relevant courses.

An A to Z course listing is given on page 38.

A-Z Course Listings

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Entry requirements

SQA Higher: **BBBC**(min) - **ABBB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **ABBB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English & Mathematics (SG at 2, Nat 5/Int2 at C, GCSE at B, Ord at B, SL at 5).

Advanced entry (to Level 2)

SQA Advanced Higher: **BBB**

GCE A-Level: **BBB**

IB Diploma: **30** points 5, 5, 5 at HL

Essential subjects: Mathematics, economics and accounting (AH, A-L, HL) and English (SG at 2, Nat5/Int2 at C, GCSE at B, Ord at B, SL at 5).

Other qualifications

Please see 'Accountancy' on page 134 for details.

Degree Programmes (with UCAS Codes)

BAcc Accountancy: **N400**

BAcc Accountancy with...

Business Finance*: **N400** (ABF)

Management & Information

Systems*: **N400** (AMIS)

a Language (French, German or

Spanish)*: **N400** (AL)

BAcc Accountancy (3 years without Honours): **N410**

BSc Accountancy and Mathematics: **GN14**

*To apply for the BAcc with an additional option, please enter the relevant option code (in brackets above) under 'Further Details' in the 'Choices' section of the UCAS application.

See **making your application** on page 34.

Professional Accreditation

The BAcc is fully accredited and recognised for exemption purposes by all the leading accountancy bodies in the UK and Ireland (ACCA, CIMA, CIPFA, ICAEW, ICAS and ICAI).

Accountancy

Why study accountancy at Dundee?

At Dundee, we aim to help students develop the skills and techniques that employers consider vital for entry into a variety of rewarding careers in accounting.

The Bachelor of Accountancy (BAcc) focuses on international reporting practices, particularly those in the UK and Ireland. This degree allows you to have a better understanding of accounting practices, regulations and standards in an increasingly globalised accounting and reporting environment. Throughout your BAcc studies, we want you to understand the power, limitations and financial techniques of accounting and the ways that they can help society to function.

Guest lectures are often given by experienced accounting and finance practitioners and outside visits are also organised to help you appreciate the 'real world' application of the discipline. Students may also spend part of their degree studying in Australia, Canada or the USA.

What you'll study

Your degree will include a good grounding in professional knowledge and skills as well as exposure to many of the latest developments in accounting research to which our staff make a major contribution.

You do not need any prior knowledge of accounting to be accepted for the BAcc. Our entry requirements are designed to ensure a reasonable standard of both numeracy and literacy but no specialist knowledge is required (except for advanced entry).

Our staff are committed to providing a stimulating, supportive and friendly environment for our students. This commitment was recognised by the latest National Student Survey (2014) in which 97% of accountancy students said they thought staff were enthusiastic about what they teach while 100% reported that staff were good at explaining things.

Employability

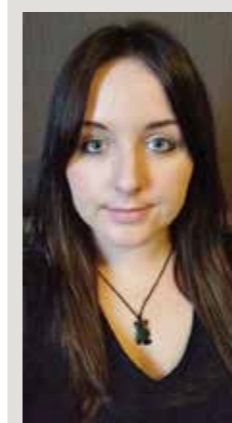
Studying for a BAcc degree can enhance your employability by developing your numeracy, analytical abilities, computing expertise and your interpersonal and communication skills. Our accountancy degrees are designed to prepare you for either a career as an accountant or for the wide variety of careers that benefit from a business education.

Your career is important to us and the professional relevance and accreditation of the BAcc degree is kept under careful review. We liaise with employers to ensure that the BAcc continues to meet the needs of the graduate employment market. About two thirds of our graduates go on to professional accountancy training while others embark on the huge range of other careers that are open to accountancy graduates.

We have strong links with local employers and the 'Big Four' accounting firms who regularly participate in our career events.

What is the best thing about your course?

“ The support you receive from the staff is brilliant. They are very welcoming and friendly and very approachable. Whether you are struggling with something said in a lecture or a piece of coursework, or even if you just fancy a chat over coffee with your adviser of studies they are always there to help. It is a great comfort to me to know they are there when I need them. ”
Morgan Robb, BAcc student



What our graduates say

Susan Pattison graduated with BAcc (Hons) Accountancy with Business Finance in 2014 and now works for Henderson Loggie Chartered Accountants as a Chartered Accountant (CA) Trainee. She says,

“ Studying accountancy and finance at University has helped me in my career by giving me a good understanding of, and proficiency in, the technical skills required to perform my job. It has also helped me directly in studying for my professional qualification as the modules I studied gave me exemption from the first stage of the CA qualification. I feel that I learned a lot about the profession I am now a part of too.”

The staff who taught my course were very helpful and passionate about their subjects which made me want to learn and motivated me to do well at the subjects. The course involved reading academic and professional articles and I feel this gave me a good understanding of the profession. I enjoyed my time studying at the University of Dundee and I found the course really interesting. ”

What our graduates say

Connor McCullagh graduated from BAcc Accountancy in 2004. After graduation he completed an MSc in Human Resources Management and is now working as a European Compensation and Benefits Analyst. He says,

“ Working in compensation I analyse a lot of data and costings on a daily basis. The teaching I received at Dundee has been priceless in preparing me for the world of employment and I am sure it will continue to do so in whatever career path I follow. ”

www.dundee.ac.uk/prospectus/accountancy

Programme Content

Typical degree programme example.

LEVEL 1

- > Introductory Financial Accounting
- > Introductory Management Accounting
- > Foundations of Economic Analysis
- > Statistics
- > International Business Environment
- > Management Information Systems

LEVEL 2

- > Financial Decision Analysis
- > Intermediate Financial Accounting
- > Management Concepts in Context
- > Intermediate Management Accounting
- > Intermediate Financial Management
- > Business Law

LEVEL 3

- > Advanced Financial Accounting
- > Advanced Financial Management
- > Advanced Management Accounting
- > Auditing
- > Taxation*
- > Financial Reporting Theory*

*Students who are interested in the BAcc (Honours) Degree with a Language specialism, may substitute a language (French, Spanish or German) for either the Financial Reporting Theory or Taxation modules. This specialism implies that one of the 4th year modules must also be a language.

LEVEL 4

Depending on a student's chosen specialism, one of the following modules:

- > Financial Accounting and International Reporting
- > Financial Management Theory
- > Advanced Management and Information Systems
- > Applied French, German or Spanish

Students may choose five further options. Please visit the programme webpage for a full list of Level 4 module options.

In the 2014 National Student Survey, 94% of our students were satisfied with the quality of the course.

Entry requirements**4 year Honours degree**

SQA Higher: **BBBB** (min) - **AABB** (typ)

GCE A-Level: **BCC** (min) - **BBB** (typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Biology (Higher, A-L, ILC H, HL) plus mathematics and chemistry (SG at 3, Int2/Nat5 at C, ILC Ord at C, IB SL at 4)

3 year Honours degree

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **BBB** (min) - **ABB** (typ)

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Biology (AH, A-L, HL) plus mathematics (SG at 3, Int2/Nat5 at C, GCSE at C, IB SL at 4).

Other qualifications

Please see 'Biological and Biomedical Sciences' on page 134 for details.

Degree programmes (with UCAS Codes)

BSc Anatomical Sciences: **B110**

BSc Forensic Anthropology: **FL46**

See **making your application** on page 34.

Anatomical Sciences/ Forensic Anthropology

Why study at Dundee?

The award-winning staff in the Centre for Anatomy and Human Identification (CAHID) are amongst the most experienced in the UK in the fields of human identification, forensic anthropology, craniofacial identification and the study of the human body. Staff deliver high quality anatomy teaching at all levels through whole body dissection, which allows students to develop a sound knowledge of the human body.

The Centre was awarded a prestigious Queen's Anniversary Prize for Higher Education in November 2013. Presented in recognition of 'world class excellence', the Queen's Anniversary Prizes are among the most highly-regarded awards for the UK's universities and colleges.

We are the only UK university to offer dissection using Thiel embalmed cadavers, which are more realistic and give students a more accurate picture of real anatomy. Our students also have access to rare skeletal collections and a new state of the art mortuary and anatomy laboratory, as well as having the opportunity to review forensic case work undertaken by staff.

We offer two Honours degree programmes – BSc Anatomical Sciences and BSc Forensic Anthropology.

Anatomical Sciences

Anatomy is the relationship between structure and function in the human body and ranges from gross anatomy to the cellular and molecular levels. A major feature of our degree programmes is the emphasis on hands-on practical human anatomy.

Forensic Anthropology

Forensic anthropology serves the investigative and judicial communities by analysing human remains for medico-legal purposes. It is a specialised area of science that requires detailed anatomical and osteological training. Being able to assign a name to the deceased is critical to the successful outcome of all legal investigations, and this becomes increasingly complex as the body passes through the various transitional phases of decomposition. Forensic anthropology has adopted a pivotal role in both UK and international investigations being core to issues of repatriation, mass disasters and war crimes.

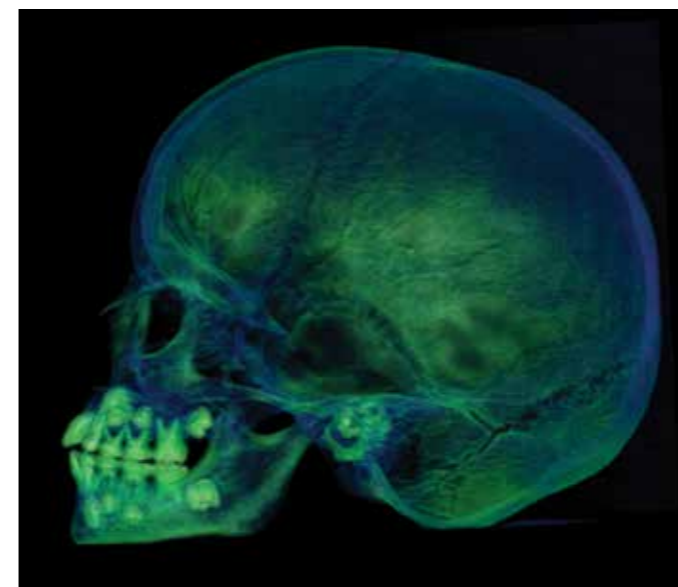
What you'll study

Our programmes in Anatomical Sciences and Forensic Anthropology share common core modules in Levels 1 and 2 with degrees in Life Sciences. From Level 3 onwards you will follow specialised modules for BSc Anatomical Sciences or BSc Forensic Anthropology. The Level 1 and 2 curriculum provides a general introduction to the life sciences through an integrated programme of lectures, tutorials, practical work and field excursions. Further information about this curriculum is given on the Biological and Biomedical Sciences overview on page 60.

Our Honours degrees are also available as 3 year options for applicants who already have appropriate qualifications at Scottish Credit and Qualifications Framework (SCQF) level 7 - the equivalent of the A2 year of A-Levels or the Scottish Baccalaureate.

Employability

Previous graduates in anatomy have gone on to pursue careers in biomedical research, hospital laboratories and medical education, while many of our forensic anthropology graduates have pursued careers in scene of crime analysis, forensic science, human biology and osteological research. Some graduates from both disciplines have chosen to enter a degree in medicine or dentistry and have found that the skills they have acquired stand them in good stead, particularly with regards to surgery, radiology, paediatrics, gerontology and orthopaedics.

**What our graduates say**

“The Anatomical Sciences programme was a fascinating area to study. The lecturers presented the material in an engaging way that allowed the core concepts and ideas to be grasped quickly. While the subject is challenging the friendliness and approachability of the teaching staff made it simple to contact them with anything relating to the course and help was always at hand. I have gained a great deal from my time studying Anatomical Sciences that will prepare me well for a career in science.”

Scott Haston graduated in 2013 with BSc (Hons) Anatomical Sciences

“Studying Forensic Anthropology at Dundee offered the invaluable opportunity to learn from teaching staff with international reputations within a 'working' department actively involved in forensic case work and world-leading multidisciplinary research and I felt privileged to be selected as one of a small number of students to undertake the course.”

Joanne Bristow graduated in 2010 with BSc (Hons) Forensic Anthropology

www.dundee.ac.uk/prospectus/anatomy

www.dundee.ac.uk/prospectus/forensic

Programme Content

Please see the Biological Sciences and Biomedical Sciences overview on page 60 for more details about the curriculum in Levels 1 and 2.

BSc Anatomical Sciences and BSc Forensic Anthropology typical programme structure**LEVEL 3**

For both programmes you will specialise in the following subject areas:

- > Gross anatomy – full cadaveric dissection using Thiel embalmed cadavers.
- > Embryology – learn how body systems develop into the final adult form.
- > Histology – gain an understanding of anatomy at a microscopic level
- > Research methods – become familiar with the practical methods fundamental to anatomical science.

LEVEL 4**Anatomical Sciences:**

You will receive focused training in anatomy which will include:

- > Neuroanatomy and Brain Development
- > Human Anatomical Variation
- > Functional Anatomy of the Limbs
- > Functional Anatomy of the Vertebral Column
- > Honours Research Project

Forensic Anthropology:

You will receive focused training in forensic anthropology which will include:

- > Forensic Osteology
- > Peri- and Post-Mortem Processes
- > Forensic Human Identification
- > Forensic Science and the Law
- > Honours Research Project

Applied Computing

Entry requirements

SQA Higher: **BBBC**(min) - **ABBB**(typ)

GCE A-Level: **CCC**(min) - **BBB**(typ)

ILC Higher: **ABBB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Two sciences (Higher, A-L, ILC H, HL) (Computing Science is recommended) and mathematics (SG, Nat5, Int2, GCSE, Ord, SL).

Advanced entry (to Level 2)

SQA Advanced Higher: **BB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points 6, 6, 5 at HL

Essential subjects: Two sciences (AH, A-L, HL) (Computing science is recommended) and mathematics (SG, Nat5, Int2, GCSE, Ord, SL) and completion of the University's Java Online module.

BSc Applied Computer:

Human Computer Interaction

(3 year Honours degree) only

SQA Higher: **BB** plus Advanced Higher **B**

GCE A-Level: **ABB**

IB Diploma: **32** points 6, 5, 5 at HL

Essential subjects: Two sciences (Higher, AH, A-L, HL) and mathematics (SG, Nat5, Int2, GCSE, SL).

Other qualifications

Please see 'Computing' on page 134 for details.

Degree programmes (with UCAS Codes)

BSc Applied Computing: **G410**

BSc Applied Computing:

Human Computer Interaction **I140**

Widening Access Programme

(with local FE Colleges):

BSc Applied Computing (Games): **3501**

See also degrees in:

BSc Computing Science (page 72)

BSc Digital Interaction Design (page 76)

See **making your application** on page 34.

Professional accreditation

Our main computing degree - BSc (Hons) Applied Computing - is accredited by the British Computer Society, which is the Chartered Institute for IT professionals in the UK and abroad.

Why study applied computing at Dundee?

We strongly believe two things:

- software should satisfy the needs of the people who will be using it
- the process of software development is rewarding and fun.

Because we hold these values, our computing degrees are rather special, focussing on software engineering and user centred design rather than mathematics; as a result, our graduates are successful, employable, employed and proud of what they do.

We know how important it is to be at the leading edge of computing and so you will learn from research-active staff. Leading researchers teach from your first year through to your final year. Our small classes mean that we really get to know you, making for an informal and supportive community. Industrial collaboration is part of our ethos too, so we regularly include guest experts from industry. A range of equipment is available for students to us, including servers, Macs, Arduinos and programming kit for games consoles.



What you'll study

BSc (Hons) Applied Computing is a degree for people who are creative, problem solvers, good team-players and who enjoy a challenge. It is about the satisfaction of software development, not about office applications, and has a unique emphasis on user-centred design, giving you the skills to create computer systems and programs which best suit the needs of the people who will actually use them. Our course is modelled on good practice in industry, and we update it annually to safeguard its relevance to the real world. Our students are nationally recognised for the quality of their project work.

Employability

Our students are highly employable and during the course, are able to:

- develop the expertise that employers want from computing graduates - our Industrial Advisory Board includes experts from a range of local, national and international industry
- take part in an industrial team project and an optional Technology Innovation Management module
- take a work placement just before final year; recent placements have been with Microsoft, Avian, NCR and Yahoo!

The course will prepare you for a wide range of good careers in computing - the UK faces a shortage of graduates qualified to fill the 120,000 new jobs in computing/ IT annually.



What's the best thing about your course?

“If you are passionate about computing and want to get stuck into technology that can change the way we see our world today, then Applied Computing is the course for you. In the School of Computing you will not only learn how to work with technology but how to apply the skills and knowledge that you learn within the course to the outside world.”

Shazia Akbar, graduated in 2011 and is now studying for a PhD in the School of Computing

In the 2014 National Student Survey 93% of our students were satisfied with the teaching on the course.

Programme Content

BSc Applied Computing 4 Year Honours Programme:

LEVEL 1

- > Introduction to Software Development
- > WWW Authoring
- > Data Visualisation
- > Introduction to Data Structures and Algorithms
- > Argumentation
- > Physical Computing

LEVEL 2

- > Information Technology Project
- > Multi-paradigm Programming & Data Structures
- > Computer Systems
- > Object-orientated Analysis and Design
- > Algorithms and Artificial Intelligence

LEVEL 3

- > Database Systems
- > Secure Internet Programming
- > Networks & Data Communications
- > Human Computer Interaction
- > Games Programming
- > Agile Software Engineering

LEVEL 4

- > 3-week industrial team project
- > 18-week individual project
- > plus 3 modules from the following:
 - > Multimedia audio
 - > Big data
 - > Technology innovation management
 - > Computer graphics
- > plus 4 modules from Research Frontiers options such as:
 - > Space systems
 - > Inclusive design
 - > Robot eyes
 - > Computer face models

Applied Computing: Human-Computer Interaction 3 Year Honours Programme:

Students on this programme start at the equivalent of Level 2 and take a combination of Level 1 and Level 2 modules in their first year. Levels 3 and 4 are as for the Applied Computing programme.

Applied Computing (Games) 4 Year Honours Programme:

This programme is offered in conjunction with Dundee & Angus College and is open only to applicants who meet the University's Scottish Widening Access (SIMD) criteria. Level 1 is predominantly taken at the College studying for an HNC in Computing Software Development, with one day per week at the University. Levels 2, 3 and 4 are as for the Applied Computing programme.

Visit www.dundee.ac.uk/prospectus/compgames for more information.

Architecture

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English or literary subject (Higher/GCSE/ILC H at B, HL at 5) and mathematics or physics (SG, Nat5, Int2, GCSE, Ord, SL)

Other qualifications

Please see 'The Environment' on page 136 for details.

Selection notes

All applicants are required to submit a digital folio.

Please visit the programme webpage for more information on folios.

Direct entry to RIBA Part 2

Applicants seeking entry to Level 4 (RIBA Part 2) with a good degree and exemption from RIBA Part 1 will be required to make a formal application through UCAS by 15th January of the year they wish to enter. The selection process is as per the notes above.

Degree programmes (with UCAS Codes)

MArch Architecture: **K100**

MArch Architecture with Urban Planning: **K104**

See **making your application** on page 34.

Professional accreditation

Our integrated MArch Architecture degree (K100) is fully recognised by ARB (Architects Registration Board) and the RIBA (Royal Institute of British Architects), and is recognised as a postgraduate qualification.

Why study architecture at Dundee?

Architecture at Dundee aims to educate resourceful and adaptable architects who can respond creatively and responsibly to the demands of a complex profession.

A strong studio culture and teaching programme embeds the design studio at the heart of all teaching and is set within our large atelier, with one to one tutorials or in small groups.

We foster a spirit of independent enquiry and individual enterprise and have three primary concerns:

1. The act of imagination which transforms.
2. The creation of responsive and sustainable architecture.
3. Exploration of technology which is central to design.

Students are offered study visits throughout the UK and Europe. Level 2 students may take part in semester long student exchanges with our partners in France, Germany and Australia.

We have an established student society ADAS (Association of Dundee Architectural Students) which organises an extensive series of visiting lecturers from around the globe.

What you'll study

The MArch programme is pursued through personal and group investigative study, dissertation and design project work supported by study visits, seminars and tutorials. Each week one studio day is given over to tutorial groups working on their design projects on a one-to-one or small group basis; in parallel a second tutorial day is programmed to examine studio work from a different perspective. Students are required to submit project work at stages throughout the year which is reviewed by staff and visiting academics and professionals. Students also submit essays, reports and other course work.

Employability

Graduates and students of Dundee have traditionally had an excellent reputation within the profession for being valuable and respected members of top practices in the UK and throughout the world. For those wishing to qualify as architects the minimum period of study is 5 years in a ARB/RIBA recognised institution and also a minimum of 24 months practical training in practice, most commonly in an architect's practice. Please visit the programme webpage for more information about programme progression.



What is the best thing about your course?

“ On completing my undergraduate degree at the University of Dundee I undertook my Part 1 work placement at HASSELL studio in Australia and Shigeru Ban Architects in Japan. Following this I returned to complete the MArch degree. This enabled me to explore a subject particular to my own interests and has helped to develop my own critical thinking and theories about architecture within an academic rigor. I believe that the combination of both detailed-design experience and self-explored learning encouraged at Dundee will be integral and valuable skills to take into practice upon graduating. ”

Andrea Santoni Year 5 M.Arch Student



What the professional body says...

The RIBA Validation Board in 2012 commended "...the academic structure of both parts of the programme and the way in which it strives to produce students who are both innovative and grounded in practice. The dynamism and imagination of the staff, their commitment to the students and their cohesion and their wholehearted ownership of the programme."



Programme Content

Typical degree programme example.

LEVEL 1 - RIBA Part 1

5 modules from these subject areas:

- > Architectural Design (3 modules)
- > Architecture Sustainability and Context
- > Design and the Environment

LEVEL 2

5 modules from these subject areas:

- > Architectural Design (3 modules)
- > Humanities - Thinking and Making
- > Architectural Technology

LEVEL 3

2 modules from these subject areas:

- > Architectural Design - including Architectural Technology and Professional Studies
- > Humanities - Dissertation

LEVEL 4 - RIBA Part 2

3 modules from these subject areas:

- > Integrated Architectural Design
- > Humanities – Design Research unit
- > Urban Theory, Analysis and Strategy

LEVEL 5

- > Architectural Thesis

PROFESSIONAL TRAINING - RIBA Part 3

In order to qualify as an architect a further two years of professional training are required, in addition to the academic study, before becoming eligible to sit RIBA Part 3. One year must be post Part 2 and one year may be at any time after registering on a RIBA validated architecture programme. We can advise students on a variety of options for integrating professional training with their studies.

In the 2014 National Student Survey 98% of our students said that they found their architecture degree 'intellectually stimulating'.

Minimum requirements

Art & Design (General Foundation)
(Level 1 entry):

SQA Higher: **BBCC**(min) - **BBBB**(typ)

GCE A-Level: **CCC**(min) - **BCC**(typ)

ILC Higher: **BBBB**

IB Diploma: **30** points

Essential subjects: Art and design or related subject (H, A-L, ILC H, HL) and an appropriate literate subject (Higher, AS, ILC, H, HL). All applicants will be invited to attend a portfolio submission event.

Advanced entry (to specialisms in Level 2)

Foundation degree in Art & Design

HND in an art & design subject

SQA Advanced Higher: **BB+BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL.

Essential subjects: Art and design or related subject (AH, A-L, HL), an appropriate literate subject (AH, A-L, HL) and one other subject outside art & design subjects (H, A-L, HL). Applicants may be invited to attend an interview and visit to the course.

Additional requirements (for Level 1 & Level 2 entry)

All applicants must also submit a comprehensive portfolio of art/design/creative work. Visit our programme webpage for further details.

Other qualifications

Please see 'Art & Design' on page 134 for details.

Degree programmes (with UCAS Codes)

BA/BDes Art and Design (General Foundation): **WW12**

Degree specialisms - Level 2 entry

BDes Animation: **W280**

BA Art, Philosophy, Contemporary Practices: **WV15**

BA Fine Art: **W100**

BDes Graphic Design: **W210**

BDes Illustration: **W220**

BDes Interior & Environmental Design: **W250**

BDes Jewellery & Metal Design: **W720**

BDes Textile Design: **W231**

BA Time Based Art & Digital Film: **W690**

See also related degrees in:

BSc Digital Interaction Design (page 76): **WG24**

BSc Product Design (page 120): **W240**

See **making your application** on page 32.

Art & Design (general foundation & specialisms)

Why study art & design at Dundee?

Duncan of Jordanstone College of Art & Design (DJCAD) at the University of Dundee has a world renowned reputation. The one year General Foundation in Art and Design is a fitting starting point for creative and motivated people who wish to develop the fundamental skills to prepare them for entry to the nine subject specialist art and design courses on offer (listed on the left).

The modules in the General Foundation course have been carefully devised to enable you to gain a broad experience, awareness and skill level which will help you to decide on your choice of Honours degree specialism for the subsequent three years. After completion of this one year course, you will submit a portfolio of work to be assessed for progression onto the specialism of your choice.

If you have already completed a recognised art and design foundation course elsewhere or satisfy the criteria for advanced entry to the specialist subjects in Level 2 (see entry requirements to the left) you should apply directly to one of the specialisms. All other applicants should apply for the Art and Design (General Foundation) course. You will benefit from a challenging and coherent programme of instruction, guidance and exploration, providing you with a positive sense of direction towards a future in art and design.

The studio culture encourages sharing of ideas and understanding, and nurtures a supportive work and social environment. The majority of your time will be spent on studio based activities and learning fundamental practical and critical skills, creating a transition between work that you have carried out at school or on a previous course and potential future study in a specialist art and design subject. The focus of the General Foundation is the development of your ability, skill and critical faculties. The process of acquiring sound basic skills includes consideration of creativity, aesthetics, visual awareness, and analytical and critical thinking. Knowledge and a sense and understanding of the history, theory and practice of art and design are cultivated, allowing you to understand how art and design practice has developed and how it is positioned within today's society, culture and creative economy thus enabling you to place yourself, your work and aspirations in context.

Our students come from a range of countries, age groups and backgrounds. Although the majority already have developed portfolios, we also welcome intelligent, creative, motivated people who are interested in moving into a vocation in art and design.

What you'll study

Our staff are practising artists and designers, most of whom also engage in cutting edge research in creative practice. They will offer friendly guidance and welcome requests from students for help and advice. We also have excellent workshop and computing facilities and our highly skilled technical and digital support staff will help you to develop technical skills in a range of areas. Students who wish to work in a multi-disciplinary environment are encouraged to use all the facilities on offer to further their personal creative development.

The core values and philosophical ethos of the course are encapsulated in the teaching of both the fundamental elements of art and design practice, namely drawing skills, making and digital imaging as well as generic skills (writing, research methodologies etc.) to support you in whatever career path you decide to take in the future.

This General Foundation will encourage experimentation, encouraging you to take risks in trying new things. It also aims to cultivate your understanding of the range of art and design disciplines that you may progress to in the future and the associated future career opportunities. These core values will enrich and expand your personal visual language and contribute in a diagnostic context towards helping you make an informed choice of specialist study. Having enjoyed the enriching experience of working within a vibrant community of emerging artists and designers in the General Foundation, progression to Level 2 – the specialist courses – requires demonstration of appropriate knowledge and skill and the potential to successfully pursue independent study.



WE ARE RANKED
1ST IN SCOTLAND
FOR THE QUALITY
OF ART & DESIGN
RESEARCH
BY THE TIMES
GOOD UNIVERSITY
GUIDE 2015.



www.dundee.ac.uk/prospectus/artdesign

You will be assessed through the studio course work including supporting work such as digital outputs, blogs, reflective journals and also through demonstrating your understanding of contextual studies. There is continuous formative feedback through the studio tutorials and at the end of each module. A formal assessment occurs at the end of semester 1 and again at the end of semester 2.

Please note: the majority of students will proceed to the specialist programme of their choice. Successful completion of the General Foundation course does not confer the automatic right of entry to Level 2 of a specialist degree programme. Entry to Level 2 is competitive, by submission of a portfolio of work, and is subject to the number of places available. Progress is monitored as an integral part of the teaching process.

What's so good about Art & Design at Dundee?

“Not only did we have very professional equipment and facilities in the department, but we were also taught in a way that I found to be very helpful. We were able to use other departments' facilities and staff expertise. The art history and theory program offered a broad range of possibilities to develop artistic work and gain experience.”

*Jessica Treffler, graduated in 2004 with BA (Hons)
Time Based Art*

Programme Content

Art & Design (General Foundation, Level 1 only)

LEVEL 1

- > Fundamental creative skills (drawing, painting, making, demonstrations)
- > Technical skills (practical workshops and digital imaging)
- > Key generic skills (analytical and critical skills, research skills, confidence and motivation, presentation and communication skills)
- > Contextual studies introducing historical and contemporary debates and practice
- > Foundation skills in the various art and design specialisms
- > Elective choice (including philosophy)
- > An optional cultural study visit (major Scottish cities and London) enhances the learning experience

For information on the programme content of the specialist Honours degree programmes at Levels 2 – 4 please see the individual specialisms on the following pages.

Selection notes

We recognise that there are some creative people who may not have had the opportunity to attain the requirements listed on page 48. These applicants will be given due consideration based on extenuating circumstances. These applicants may be invited for interview. Applicants who do not meet the minimum entry requirements may also wish to consider undertaking an art and design programme at a Further Education college. Successful completion of one of these programmes may enable future entry to Level 2 or 3 of our art and design specialisms.

Animation

Entry requirements are given on page 48.

Why study animation at Dundee?

The BDes (Hons) Animation course is for students who are passionate about becoming animation professionals. Our ethos is to echo current industry studio practices as much as possible. The atmosphere here in the animation studio is vibrant and friendly, buzzing with creative energy and hard work!

Drawing is of utmost importance! All of our students attend weekly life drawing classes and keep observational sketchbooks.

What makes our course distinct, is how our students develop individually as specialists within the animation industry, whilst working collaboratively to produce short student-led animated films. Our final year students have confidence in their own abilities in specialized areas of Preproduction (concept art, character design, etc.), Production (2D and 3D digital character animation, 3D modelling, etc.) and Post production (compositing, VFX, etc.) as well as generalist and transferable animation production skills. They work towards industry-ready showreels that best evidence their two nominated specialist skills.

What you'll study

Classical animation exercises in Level 2 supported by acting classes, lectures, workshops and software training for 2D/3D digital animation helps instil the principles of character animation.

Level 3 students study cinematography and visual storytelling, with drawing, software skills and elective modules such as Comic Art, Graphic Novels and VFX. They develop ideas for final year films, and experience animation production through group films.

Projects in Levels 2 and 3 prepares students for the final year through recognition and development of their creative strengths.

Level 4 students refine their specialist skills in group and individual projects, with weekly life drawing classes.

Employability

Our graduates are known for their professional team working skills, creativity and technical proficiency.

They have been employed all over the world in a variety of specialist positions such as concept artists, animators, storyboard artists, directors, VFX artists, modellers, riggers, lighting artists, etc, in the animation, games and VFX sectors, and have credits on such films as: The Lego Movie; The Amazing Spiderman; Cloudy with a Chance of Meatballs 2; Inception; The Illusionist; Guardians of the Galaxy; such games as: Assassin's Creed; The Last of Us; Grand Theft Auto; and animated TV shows for the Disney Channel, Nickelodeon and CBeeBees.

What our graduates are doing

Brendan Body graduated from Animation in 2000. He has worked on animation and visual effects for films that include: Happy Feet, The Tales of Despereaux, The Dark Knight, Charlie and The Chocolate Factory, The Amazing Spider-Man and many of the Harry Potter Films.



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Introduction to fundamental animation skills
- > Introduction to 2D and 3D computer animation
- > Introduction to production equipment
- > Creative research methodology
- > Contextual Studies

LEVEL 3

- > Personal programme of study
- > Research and development
- > Professional production practice
- > Contextual Studies
- > Elective modules such as Visual Effects, Comic Art and Graphic Novels, Printmaking etc
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Personal programme of research
- > Supporting study elective
- > Degree Show Exhibition

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

Art, Philosophy, Contemporary Practices

Entry requirements are given on page 48.

Why study at Dundee?

This innovative degree provides a unique opportunity to study both fine art and philosophy. Sixty percent of your studies will focus on fine art with the remaining forty percent on philosophy. APCP students are integrated into both the Fine Art and Philosophy programmes at the University of Dundee.

This interdisciplinary course marries excellence in research and teaching across two mutually compatible disciplines within a mainstream university environment. You will be taught by academic staff with national and international reputations as practising artists, theorists, philosophers and writers who contribute significantly to the shaping of contemporary culture and debate.

Students of diverse cultural and geographical backgrounds are attracted to Dundee by the unique opportunity to combine philosophical thinking with Fine Art practice. The quality of studio and workshop provision is high, supporting printmaking, sculpture, photography, painting, digital film, sound, performance, and multimedia installation. APCP students have access to the full range of Philosophy modules delivered by the School of Humanities, including the international speaker's programme.

Facilities include digital imaging suites, computing workstations and a world-class art library. The Student Union is justly regarded as among the best in the UK, and the University campus offers a vast range of extra-curricular activities.

The programme reflects current cultural practices integrating practical and theoretical studies beyond disciplinary boundaries. Philosophical language and concepts permeate contemporary art, in art criticism, artists' statements, exhibition proposals and grant applications. Studying philosophy will enable an enriched appreciation of art, as well as empowering you to engage with the contemporary art world in an informed manner. More importantly, philosophy involves deep reflection on a wide range of issues, and can act as a powerful source of inspiration to inform art practice.

If you have a strong interest in philosophical ideas as a foundation for developing visual practice, and have an interest in the broader context of contemporary culture then BA (Hons) Art, Philosophy, Contemporary Practices is the course for you.

Art, philosophy, contemporary practices is one of three courses that comprise the art & media programme (art, philosophy, contemporary practices, fine art, time based art & digital film). This programme has an already established reputation as the only interdisciplinary arts curriculum in Scotland. The bringing together of three distinct pathways under the art and media programme offers a broad educational experience and access to a wide range of staff expertise while also allowing you to gain deep knowledge and expertise in your chosen subject pathway of art, philosophy, contemporary practices.

What you'll study

The programme is delivered through active learning in the studio and the sharing of ideas through discussion. The main components of teaching at Levels 1 and 2 are studio projects along with workshops, lectures, seminars and tutorials.

At Levels 3 and 4 you will increasingly engage in self-directed research supported by technical and idea based workshops, lectures, seminars, group and individual tutorials.

At all levels assessment will reflect the interdisciplinary nature of the programme and will typically include a combination of presentation of your studio work, essay and oral presentation. The final examination for Honours students takes the form of a major presentation/exhibition and a dissertation.

Employability

Our graduates are highly sought after professionals well equipped for a great number of professions. As articulate practitioners or theorists trained in creative practice they are resourceful and flexible. Possible careers include: artist, arts administration, management, curation and cultural policy making as well as publishing, writing and journalism, criticism, research, consultancy, and access to many areas of the teaching profession.

Furthermore, this degree provides a firm foundation for postgraduate studies in the visual arts, philosophy or related disciplines.

Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Foundations of Contemporary Practice 1 (Towards a Vocabulary of Practice)
- > Contemporary Practice 2 (Towards a Personal Voice)
- > Existential Themes in Technology, Culture and Film
- > Aesthetics

LEVEL 3

- > Independent Creative and Professional Practice 1
- > Independent Creative and Professional Practice 2 plus two of the following:
 - > Love and Desire in Plato
 - > Cyberphilosophy
 - > Understanding Media
 - > Questions of Vision in Art
 - > Wittgenstein
 - > Art and Philosophy Now
 - > Marx's Capital
 - > Optional one semester of exchange study at an international institution

LEVEL 4

- > Honours Creative Practice
- > Dissertation
- > Oral presentation
- > Degree show exhibition

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

What our graduates are doing

Omar Zingaro Bhatia graduated in 2009. Collections of his work exist in America, Canada, Spain, Hungary, Romania, France, Portugal, England, Sweden, Scotland, Tanzania, Serbia, Poland, Germany and Mexico.

Fine Art

Entry requirements are given on page 48.

Why study fine art at Dundee?

Fine Art's location within a broadly based University creates exciting opportunities for cross-disciplinary research and teaching. Our programmes are enriched by the diverse backgrounds and multicultural perspectives of our students. Innovation and creativity are key to our success, preparing our students for a wide variety of careers in creative practice and related areas.

Our students work through drawing, painting, sculpture, installation, printmaking performance, film and photography; both digital and analogue. Some focus on a single discipline whilst others enjoy a multidisciplinary approach, ranging freely across media.

Fine Art maintain first class workshops for woodworking, from picture framing to large scale construction; sculpture in plaster, resin and metal - cast, welded and forged, and one of the best equipped print workshops in the UK. Each facility is staffed by two full time technicians. Students also benefit from access to all workshops across the school including media labs for editing and green-screen filming, digital and dark room photography, ceramics, textile printing and digital making.

While primarily focused on making, Fine Art study will equipped the student with knowledge of the history, theory and a critical and contextual understanding of art, essential to the contemporary practitioner. New audiences, new roles for the artist; community engagement, collaborative research and performance, aspects of visualization and communication are all part of the Fine Art student experience here in Dundee.

The skills required for entry to this programme would normally be demonstrated, initially in a digital portfolio, which might show drawings, collage, film, sound work, photography, print and painting, and should demonstrate your interests, passions and knowledge.

Fine Art is the largest of three pathways within Art and Media, which also includes Time Based Art & Digital Film and Art, Philosophy and Contemporary Practices. With an established reputation for interdisciplinary working, Art and Media offers a broad educational platform informed by a wide range of staff expertise in both teaching and research.

What you'll study

Our staff are all practitioners at a high level. They exhibit and publish nationally and internationally, instigating projects, exhibitions and events that receive critical acclaim. This vital professional engagement is reflected in stimulating and enthusiastic teaching.

In 2015 Fine Art Tutor Graham Fagen will represent Scotland at the Venice Biennial.

The Honours degree programme is based on a core of studio skills, practical techniques, methods and materials, underpinned by critical understanding. Drawing, painting, sculpture, print, digital imaging, photography, video, performance, installation and artists' books are explored by Fine Art students. Interdisciplinary studies are encouraged for students whose ideas and interests cross the boundaries between media.

Throughout the programme, studio work is strongly supported and contextualized through the study of relevant history and theory.

The majority of teaching takes place in the studios and is a combination of one-to-one tutorials, group critiques between students and studio staff, and joint critiques between students, studio staff and critical and contextual study staff. Further enrichment comes from a programme of visiting lecturers, seminars and master classes. Students in recent years have greatly benefited from close access to exhibitions, lectures and workshops at Dundee Contemporary Arts as well as a range of artist led initiatives across Dundee.

Employability

The course has a strong record of producing graduates who have gone on to establish successful careers as artists, exhibiting and making work nationally and internationally. Significant numbers of Fine Art graduates progress to study taught postgraduate programs in the UK and abroad.

Fine Art graduates have developed careers in exhibition curation, publishing, writing and research, gallery management, arts administration and project management, teaching in all sectors; primary, secondary, Further and Higher Education, community arts and art in health care. Our graduates enter industries that require creative skills and knowledge, including the media, film and entertainment industries.

Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Foundation of Contemporary Practice
- > Technical skills and workshops
- > An introduction to Critical and Contextual Studies

LEVEL 3

- > Self-Directed Practice: Experimentation and Investigation
- > Professional Practice Placement
- > Elective modules such as The Contemporary Portrait, Print and Printability, The Undiscovered Landscape and Art, Science and Visual Thinking
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Honours degree studies
- > Professional Practice, Presentation and Exhibition
- > Dissertation
- > Degree Show exhibition

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

What our graduates are doing

Susan Philipsz graduated from Fine Art at DJCAD in 1993. In 2010 she was awarded the Turner Prize and continues to receive critical acclaim for her art. Luke Fowler, who graduated from DJCAD in 2000, was awarded the Derek Jarman award in 2008 and was short-listed for the 2012 Turner Prize.

Graphic Design

Entry requirements are given on page 48.

Why study graphic design at Dundee?

Graphic Design is about the visual communication of innovative ideas. At Dundee we will challenge your creativity and develop your communication skills with a range of design projects set by tutors, external design agencies and international design bodies. Your learning experience will be supported by lectures, tutorials, workshops and exposure to professional bodies through our study programme and our unique industry placement scheme.

We aim to provide a working environment that is reflective of contemporary professional practice. Each year-group works in a design studio, and each student has a personal work desk. We believe that this helps to support good communication, a more intimate teaching environment and improved peer learning. We believe in building community. While many courses around the UK offer elective modules in different media, we have determined that all of our students will engage in the broadest spectrum of practice. All of our students study design for print, typography, branding and marketing, motion-graphic design, video editing, design for web and apps, as well as traditional media e.g. screen-printing. We are looking for highly motivated individuals who are keen to learn and are willing to work towards our goal of producing world-class graduates.

On the course you will use research, analysis, evaluation and self-criticism, which will assist you to arrive at the best possible solutions to design challenges. You will experience independent and team-based interdisciplinary projects and have the opportunity to participate in an established placement scheme involving design agencies across the UK. By the end of the honours degree you will have acquired the critical and visual skills that you need to support that next step into the world of professional design. Upon graduation you will have the opportunity to gain valuable experience and exposure within the graphic design world by taking part in the annual D&AD 'New Blood' graduate exhibition in London – an international showcase of the best graduates in visual communication.

What you'll study

In each year of the course, staff engage with students in small tutorial groups and on a one-to-one basis, to encourage an 'individual' response to set briefs. The studio-based programme promotes research, experimentation, analysis, evaluation, and self-criticism - all of which assist in arriving at the best possible solutions to design challenges.

The studio practice is supported by contextual studies which underpin the process of intellectual enquiry and encourage critical engagement with the subject.

Employability

Graduates from graphic design have gone on to have successful careers in digital based media, publishing, advertising, branding and marketing, television & motion graphics and freelance design.

Many have gone on to establish their own highly successful design agencies. Some graduates choose to continue their studies at postgraduate level on one of our postgraduate Masters programmes.



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Tutor-set briefs
- > Computer-aided design
- > Typography
- > Drawing
- > Design for print and screen
- > Contextual studies

LEVEL 3

- > Tutor-set briefs
- > Typography
- > Design for print and screen
- > Live project work
- > National competitions
- > Contextual studies
- > Work placement
- > Elective modules such as Visual Effects, Comic Art & Graphic Novels, Printmaking etc
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Self-directed programme of study
- > Professionally-endorsed national competitions
- > Supporting study elective
- > Exhibitions in Dundee and London

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

What our graduates are doing

Colin Bennett graduated in 2005. After several years of working as Design Director for companies such as Atalanta and Stand, Colin is currently employed as Art Director for Apple in California.

Andy Stewart graduated in 2007. He is currently a Visual Designer for Android at Google in San Francisco.

Tim Brown graduated in 2007 and started as a junior designer with the Partners in London. He is now a Design Director in their Singapore office.

Illustration

Entry requirements are given on page 48.

Why study illustration at Dundee?

Illustration is about the acts of personal interpretation and communication.

With an eye on fast evolving commercial avenues this course adopts a broad definition of illustration and provides a dynamic environment for the development of experimental visual ideas. By focusing the curriculum on creativity, authorship and interpretation, delivered through a mix of live and personal projects, Illustration aims to address the on-going demand for compelling visual communicators who can engage their audiences. We will help you to embrace traditional and contemporary production processes whilst developing a personal creative approach. Utilising our excellent digital and printmaking facilities the staff will ask you to experiment with a wide range of media ranging from book works, photography, drawing to graphic arts, moving and interactive media.

You will also have opportunities to participate in a foreign study trip and gain exposure and experience in D&AD's 'New Blood,' an international showcase of the best graduates in visual communication and advertising.

Illustration is one of three courses that comprise the communication design programme (animation, graphic design and illustration). While following your course in illustration, you will also gain a broad educational experience by being provided with a wide range of opportunities for you to engage with pertinent communication design issues as well as your pathway choice in illustration. The course has a track record in conceptually agile and technically skilled graduate designers who have a broad understanding of communication design coupled with deep knowledge and expertise in their chosen subject pathway.

What you'll study

Students in illustration are taught through workshops, lectures, seminars, live briefs, group tutorials, personal tutorials and self-assessment appraisals. Students are encouraged to develop their own directions within assignments and to engage in debate about their work.

The studio practice is supported by contextual studies which underpin the process of intellectual enquiry and encourage critical engagement with the subject.

Employability

The demand for illustrators has increased as related commercial fields have expanded. Our graduates have gone on to have successful careers in the following fields:

- advertising
- editorial
- animation
- film & television
- online media
- curation
- publishing
- art/design
- research
- teaching



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Tutor-set briefs
- > Introduction to technical process
- > Introduction to computer aided design
- > Introduction to creating a personal programme of study
- > Creative research methodology
- > Contextual Studies

LEVEL 3

- > Personal programme of study
- > Tutor-set and live briefs
- > Strategic experimentation
- > Research and development of ideas
- > Cultural experience
- > Contextual Studies
- > Elective modules such as Visual Effects, Comic Art & Graphic Novels, Printmaking etc
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Personal programme of research
- > National competitions
- > Supporting study elective
- > Exhibitions in Dundee and London

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

What our graduates are doing

Marion Deuchars graduated in 1987. She is a freelance illustrator who has illustrated for a range of high profile clients including Harrods, Esquire Magazine, Penguin Books, The Guardian and Jamie Oliver.

Eleanor Meredith graduated in 2006. She is an animator and illustrator who also teaches. Her clients include BBC Learning, The Scottish Executive, The Skinny Magazine, Hotel Bloom and Kettles Yard.

Scott Balmer graduated in 2006. He is an illustrator who has produced work for publications and clients which include The New York Times, The Guardian, Umbro, The Science Council, BusinessWeek, Inc. Magazine and Orange.

Interior & Environmental Design

Entry requirements are given on page 48.

Why study interior & environmental design at Dundee?

Interior & environmental design (I&ED) offers exciting opportunities to explore a wide range of spatial contexts from adaptive reuse and the recycling of redundant architectural sites, to temporary environments such as exhibition design, pop-ups and performative spaces. Other areas of enquiry include dwelling, retail experiences and future working scenarios. We encourage an experimental attitude toward interior contexts that is realised through the chosen careers of our graduates.

I&ED operates at the creative intersection of architecture, design, art and new media. This allows spatial investigation into scale, materiality and assembly through interventions on spaces, objects and events. This is a dynamic programme that challenges conventions in contemporary culture and offers design alternatives in interior design, furniture, exhibition and experimental spaces. You will be encouraged to develop individual insights alongside team responses to relevant social need and the community. I&ED have established creative links with industry partners that provide students the opportunity to work on live projects. Your creative design process is supported through active making and prototyping in an exciting studio and workshop environment. On your I&ED journey you will develop the ability to visualise human spatial experiences and rituals at various scales, locations and contexts. You will become an essential part of a vibrant I&ED student led organisation.

We are founding members of IE Interior Educators and our students have access to an extensive network of peers and professionals in the UK. We initiated, and are co-founders of the IFS Interiors Forum Scotland- a unique research group working closely with research colleagues in other Scottish design schools. Students studying Interiors in Dundee will participate in GIDE, the Group for International Design Education network. This is a unique consortium of European design schools that collaborate annually on shared projects, exhibitions, conferences and international workshops around various venues in Europe. Partners include students and staff from Italy, Germany, Slovenia, Belgium, England, Netherlands and Switzerland. Interiors at Dundee have led other international collaborations and developed sustainable relationships with Interior schools in Qatar, USA and China. Students can also participate in extensive international exchanges whilst studying in I&ED.

What you'll study

You will occupy a personal work space throughout your time in I&ED and you will be supported by a dedicated I&ED teaching team with expertise in architectural design, interiors, fine art, furniture design and making, service design and CAD.

We pride ourselves in helping our students feel part of a dynamic open studio culture where social interaction, collaboration and inter-year participation contributes to a stimulating design experience.

Employability

Graduates from this unique programme have gone on to have successful careers in the UK, Australia, China, USA, New Zealand, Netherlands, Canada, Belgium, and Cyprus amongst others. Our graduates' career pathways have led them to interior design, retail brand experience, architecture, lighting, digital architectural visualisation, exhibition, theatre set design; television, film set, computer games industry, furniture design, service design, installations, sound-scapes and teaching to name a few.

Programme Content

Typical degree programme example.

LEVEL 1

- > Art and Design (General Foundation) - see pages 48-49
- > Students keen to explore ideas through Interiors meet and work with I&ED staff and students in semester two onwards

LEVEL 2

- Material Matters: explores materiality, active making and spatial design thinking
- > The 21st Century Designer or Co-Design in Action
 - > Border Crossings: explores themes of design, identity and culture through exciting collaborations between design schools abroad
 - > Change by Design or Playful Practices

LEVEL 3

- Partnerships, Networks and Connections 1 and 2: Part 1 combines an international collaboration as one of seven European design schools. In Part 2 Interior students can participate in the international workshop, exhibition and conference in a European city.
- > Overseas study trip (for I&ED students participation within the GIDE network provides a semester two combined study trip, workshop, exhibition, conference in partnership with 170+ students, 35 design professors in alternating European venues culminating in student work being published in a research publication)
 - > Alternative Futures elective study option (Research and creative practice, Design and the market, Design and international contexts: Made in China)
 - > Elective modules such as Advertising and Branding, Critical Making, Design for a Living Planet
 - > Optional one semester of exchange study at an international institution

LEVEL 4

- Alternative Futures elective study option
- > Design in Action Honours Project: I&ED final year students are encouraged to pursue an independent topic within an interior, environmental and design context in consultation with I&ED staff. I&ED students are encouraged to collaboratively design the year group degree show and their individual work within that show.

Please note that the structure of the I&ED programme is under review and some changes may be made to the Level 1 content. Please check the course webpage www.dundee.ac.uk/prospectus/interior for more details.

Jewellery & Metal Design

Entry requirements are given on page 48.

Why study jewellery & metal design at Dundee?

Jewellery designers are the creators of a universal symbolic language that expresses identity, difference, distinctiveness and shared values. As such it fuses together art, science, fashion, politics, culture and technology. Studying jewellery & metal design at Dundee begins with material based exploration - learning the characteristics and qualities of a range of materials e.g. wood, metal, plastics etc. Traditional hand techniques and new technologies such as electroforming, laser cutting, and digital processes including rapid prototyping are thoughtfully integrated. Critical thinking and debate is encouraged, creating a dynamic and vibrant environment in which to generate new ideas and material processes. You are encouraged to think about your ideas and ways of working in order to push the boundaries of the discipline. Consequently jewellery and metal design is often not worn on the body, and does not have to be made of metal!

In addition to creating work for sale within the contemporary craft gallery our graduates are also creating new markets and arenas for the knowledge and skills they have developed, for example in healthcare (medical alert jewellery) and forensics (disaster victim identification - a jewellery classification system). Working in collaboration with different departments and courses is one of the key benefits of being part of a vibrant diverse research university.

What you'll study

Learning occurs within a dynamic open studio environment where social interaction, peer and group learning and inter-year participation contributes to a stimulating environment. You will learn through a combination of workshops, lectures and self-initiated projects.

Employability

Our graduates have gone on to have successful careers in a number of different fields, including:

- self-employed artist/designer
- designer to fine or fashion jewellery manufacturers
- designer of small products
- management within the jewellery trade
- designer of effects in theatre, cinema or television
- specialist posts within museums and galleries
- lecturing and teaching in craft, design & technology.

What our graduates are doing

After graduating in 2009, Jane Gowans set up her brand and has worked with companies such as Harvey Nichols and The National Gallery London. Her collections have been worn by a selection of celebrities including Brit Award winning Emeli Sande, actress Emma Thompson, MTV's Laura Whitmore and BBC Sherlock star Laura Pulver. The brand has also been nominated for a host of awards. In 2014 Jane was named Independent Woman of the Year at the Royal Bank of Scotland Women Ahead Awards and as one of Professional Jeweller Magazine's Hot 100 in the industry.

Andy Sweet graduated in 2000. After hand making a small collection of experimental eyewear in titanium for his Degree Show exhibition, Andy has gone on to work for a wide range of companies around the world, designing eyewear for H&M, Cheap Monday, Bruuns Bazaar, Specsavers and Jacob Jensen amongst others. In 2009 he produced his first eyewear under his own name.



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 44-45

LEVEL 2

- > Material Matters
- > The 21st Century Designer or Co-Design in Action
- > Border Crossings
- > Change by Design or Playful Practices

LEVEL 3

- > Partnerships, Networks and Connections 1 and 2
- > Overseas Study Trip
- > Alternative Futures elective study option (Research and creative practice, Design and the market, Design and international contexts: Made in China)
- > Elective modules such as Advertising and Branding, Critical Making, Design for a Living Planet
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Degree Project and Mission
- > Design History, Theory and Practice

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

Textile Design

Entry requirements are given on page 48.

Why study textile design at Dundee?

Textile design at Dundee offers you the opportunity to investigate textile design in a broad sense by encouraging you to consider both the practical and relevant way textiles can be applied and used within society.

You will learn and develop visual and practical skills through making and exploring a diverse range of materials. Exposure to making processes which use cutting edge technologies and 'Smart' materials will help you build in-depth technical, sensory and aesthetic knowledge of colour, structure, pattern and texture that can be developed into textile prototype samples and/or products.

The course aims to develop students who can contextualise practical knowledge through a range of material applications. This includes developing innovative textile design ideas and prototypes for industry as well as exploring the ways that practical knowledge can help solve problems such as sustainability, the ageing population, crime etc.

In a traditional sense, textiles are synonymous with domesticity and the body and you will be actively encouraged to challenge perceived definitions within traditional parameters and beyond, in order to define the 'new traditions' that textiles occupy.

What you'll study

Learning occurs within a dynamic open studio where social interaction, peer and group learning and inter-year participation contributes to a stimulating environment. You will learn through a combination of lectures, tutorials, research and self-initiated projects.

Employability

Our graduates have gone on to have successful careers in the following fields:

- textiles
- fashion
- trend forecasting
- buying
- theatre costume design
- textile conservation
- art therapy
- arts administration
- design education.

Some graduates continue their studies at postgraduate level on one of our postgraduate Masters programmes.

What our graduates are doing

Linda Florence graduated in 2003 and is a London-based designer who produces bespoke hand printed wallpaper and installation artwork for public, commercial and domestic interiors. Her clients include the Victoria and Albert Museum, The Jerwood Space, Swarovski, The National Trust, Ted Baker and Penguin.

Hayley Scanlan graduated in 2009. She is a printed textile and fashion designer based in Dundee. During her degree show, Hayley was commissioned to design a studded jacket for super model Erin O'Conner. After graduating, Hayley was asked to design musician Marina Diamandis' tour costumes and since then she has launched her own collection, been featured in Vogue and won Young Designer of the Year at the 2012 Scottish Fashion Awards. Her designs have also been worn by Little Mix and Jessie J.



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation) - see pages 48-49

LEVEL 2

- > Material Matters
- > The 21st Century Designer or Co-Design in Action
- > Border Crossings
- > Change by Design or Playful Practices

LEVEL 3

- > Partnerships, Networks and Connections 1 and 2
- > Overseas Study Trip
- > Alternative Futures elective study option (Research and creative practice, Design and the market, Design and international contexts: Made in China)
- > Elective modules such as Advertising and Branding, Critical Making, Design for a Living Planet
- > Optional one semester of exchange study at an international institution

LEVEL 4

- > Alternative Futures elective study option
- > Design in Action Honours Project

Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

Time Based Art & Digital Film

Entry requirements are given on page 48.

Why study time based art & digital film at Dundee?

Time based art & digital film embraces contemporary media art forms including film production, photography, sound design, sonic art, performance, web art and interactive media.

Our team of staff includes accomplished artists, filmmakers and photographers. We will encourage you to be innovative, visually creative, experimental and to use professional production methods. The course offers a unique learning experience that combines making skills with research and reflective practices. You will explore a wide range of ideas and creative productions by completing personal and collaborative projects.

At the end of the course you will be able to produce a significant body of works in one or more of the following: digital film, installation, sound, performance, interactive art and imaging. These will reflect your conceptual goals and personal philosophy.

Time based art & digital film is one of three courses that comprise the art & media programme (art, philosophy, contemporary practices, fine art, time based art & digital film). This programme has an already established reputation as the only interdisciplinary arts curriculum in Scotland. The bringing together of three distinct pathways under the art and media programme offers a broad educational experience and access to a wide range of staff expertise, while also allowing you to gain deep knowledge and expertise in your chosen subject pathway of time based art & digital film.

What you'll study

Teaching staff are accomplished artists who are dedicated to providing a creative learning environment. Following a structured introduction to key media art concepts and technologies, students develop their visual awareness through studio practice. Ideas are at the core of the process. Teamwork is also a vital part of contemporary creativity, so we encourage students to explore collaborative ways of working.

Employability

Our graduates have gone on to have successful careers as:

- artists
- film directors
- web designers
- editors
- visual effects artists.



Programme Content

Typical degree programme example.

LEVEL 1

- > Art & Design (General Foundation)
- see pages 48-49

LEVEL 2

- > Taught project-based programme: introduction to photography, moving image, sound and interactivity
- > Contemporary media theory
- > Self-motivated ideas and projects
- > Critical debate and exhibition
- > Tutorial and group critique

LEVEL 3

- > Elective masterclass series
- > Self-motivated practice
- > Tutorial and group critique
- > Professional practice and group exhibition
- > Theoretical Studies
- > Elective modules such as Materiality & Meaning, Contemporary Portrait, Printmaking etc
- > Optional one semester of exchange study at an international institution. These options can include NSCAD (Canada), Brno (Czech Republic) or Bologna (Italy).

LEVEL 4

- > Self motivated personal programme of study
- > Tutorial and group critique
- > Honours dissertation
- > Degree Show exhibition

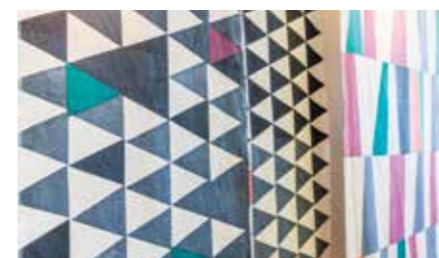
Please note that our courses are refreshed each year therefore the above may be subject to minor changes.

What our graduates are doing

Ian Forbes graduated in 2010. He began his career in film immediately, with local production company Flyboy. Now, supported by a BAFTA scholarship, he is halfway through a Masters course in cinematography at the renowned National Film and Television School, Herts.

Emma Alexander and Jo Helford graduated in 2007. They founded "Tin Roof" a highly successful artists-run production studio complex, and have continued working successfully in community art and video. Jo has recently premiered her latest film work, developed with the young people of Nablus, Dundee's twin town in Palestine.

Ah-Bin Shim Shim obtained her BA in Time Based Art at DJCAD. She makes animations, bookworks and humorous physical objects which puncture our expectations of the digital and the physical. In 2005, she was a guest artist at the Sapporo artists in residency in Japan. She currently lives and works as a respected self-employed artist in Seoul, Korea.



Your application for entry will be judged based on the highest level qualifications you have or are taking, e.g. students offering A-Levels or Scottish Baccalaureate will be made an offer based on entry to the 3 year Honours degree as this offers the best academic progression.

Entry requirements

4 year Honours degree (entry at SCQF 7)

SQA Higher: **AABB**

ILC Higher: **AABB**

Essential subjects: Biology and chemistry (Higher, ILC H, HL) plus mathematics and chemistry (SG at 3, Int2/Nat5 at C, ILC Ord at C)

3 year Honours degree (entry at SCQF 8)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB(min) - AAB(typ)**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Biology and chemistry (AH, A-L, HL) plus mathematics (SG at 3, Int2/Nat5 at C, GCSE at C, IB SL at 4).

Other qualifications

Please see 'Biological and Biomedical Sciences' on page 134 for details.

Degree programmes (with UCAS Codes)

BSc Biochemistry: **C700**

BSc Biological Chemistry and Drug Discovery: **F151**

BSc Biological Sciences: **C100**

BSc Biomedical Sciences: **B900**

BSc Microbiology: **C500**

BSc Molecular Biology: **C720**

BSc Neuroscience: **B140**

BSc Pharmacology: **B210**

BSc Physiological Sciences: **B100**

Degrees with a year in industry:

BSc Biological Chemistry and Drug Discovery: **F154**

BSc Biological Sciences: **C101**

BSc Biomedical Sciences: **B901**

Certificate of Higher Education (C):

Foundation Year in Life Sciences: **C103**

Foundation Year in Life Sciences and

English Language: **3Y5C**

Widening Access Programme

(with local FE Colleges):

BSc Life Sciences: **C102**

See **making your application** on page 34.

Biological & Biomedical Sciences overview

Why study Life Sciences at Dundee?

As a place to study life sciences we achieve consistently high ratings, and our internationally-recognised research strengths are reflected in our research-led teaching and a wide range of research training opportunities for life sciences graduates.

Our research is rated 1st in Europe for biology and biochemistry, and 4th for molecular biology and genetics (by Thomson Scientific), and we recorded the highest level of world-leading research in the biological sciences of any university in the UK in the Research Excellence Framework 2014.

Our excellent reputation also extends to the quality of our teaching. In the 2014 National Student Survey 93% of our biological sciences students said they were satisfied with the quality of their course.

Teaching and Assessment

All life sciences degree programmes share common core modules in the early years that provide a general introduction to the life sciences through an integrated programme of lectures, tutorials, practical work and field excursions. From Level 3 onwards the curriculum is based around two themes – Biological Sciences and Biomedical Sciences – with a number of degree programmes available within these themes.

All our Honours degrees are also available as 3 year options for applicants who already have appropriate qualifications at Scottish Credit and Qualifications Framework (SCQF) level 7 - the equivalent of the A2 year of A-Levels or the Scottish Baccalaureate. To benefit from the best academic progression, applicants with these qualifications will be made offers for the 3 year Honours degree and will start the programme at SCQF 8 (Level 2).

Once you have been accepted onto the course, your current knowledge base and skill set will be assessed, so that we can recommend appropriate modules for the first semester.

Transferable Skills

Throughout your scientific studies you will be developing transferable skills. At Levels 1 to 3 this will either be embedded within the core curriculum or as part of the pastoral and academic tutorial system. Your degree programme will involve a combination of independent learning and team work, through which you will develop your skills in information processing, use of computers, problem-solving, experimental design, analysis and critical evaluation of scientific literature, report writing, making presentations, communication and time management. These are important elements of all of our degree programmes, and they will help to ensure that you have the skills to make you attractive to a wide range of employers.

As another means of enhancing employability, we are keen to encourage students to take on a variety of different internship options during their summer vacations in order that they gain experience in a working environment, either within the University of Dundee, in other academic institutions (both home and abroad), in industry or in the voluntary sector. The University Careers Service already helps to identify placement opportunities and advise our students on how to apply for them, and we have developed a new scheme to coordinate funded placements for undergraduates in our own research laboratories.

Programme Content

All life sciences degree programmes share common core modules in Levels 1 and 2 before starting to specialise from Level 3 onward, and the table on page 61 shows the typical standard degree programme content.

For details of the Foundation Year in Life Sciences and BSc Life Sciences (widening access programme with local FE Colleges), please visit our webpages at www.dundee.ac.uk/prospectus/lifesciences.

For more information on our International Foundation programme into life sciences, please see page 132.

LEVEL 1 (SCQF 7)

Entry with*:

SQA Higher / ILC Higher / IB Diploma

- > Core theory modules covering biology, chemistry and molecular biology as a foundation for future studies
- > Teaching emphasises core practical skills and competencies modules (including labs, fieldwork, problem solving, researching scientific publications, making presentations and developing your analytical skills)
- > Choose from either a poisons based module, an enterprise module, a science and society module or a subject from another School e.g. a language in preparation for study abroad options, computing, psychology or philosophy
- > Your knowledge and understanding of the physical sciences and mathematics will be assessed at the beginning of semester 1 and, if appropriate, you will take a further module in these subjects.

LEVEL 2 (SCQF 8)

Entry with*:

GCE A-Level / Scottish Baccalaureate / SQA Advanced Higher / IB Diploma

Semester 1

- > Core theory modules building on the basics of knowledge from Level 1 or from previous qualifications such as A-Levels or Scottish Baccalaureate
- > Core practical modules designed to enhance your practical competencies and understanding of experimental design and procedures
- > Choose either an enterprise in Life Sciences module or a subject from another School e.g. a language, computing or psychology, or take advantage of the skills assessment process to fill in gaps in your skills and knowledge

Semester 2

Biological and Biomedical modules, beginning the process of progressive subject specialisation in preparation for the choices you will make in Level 3. At the end of level 2, you can choose to study in any area of Life Sciences that interests you irrespective of the programme you chose on entry.

For both three year and four year routes, our aim is to train you as a scientist by the end of SCQF 8 (Level 2), with an emphasis on core knowledge, practical experience and problem-solving skills to prepare you for the research-led specialist teaching in Levels 3 and above.

LEVEL 3 (SCQF 9)

Choose to specialise in the subjects that excite you in one of our two themes:

- > Biological Sciences or
- > Biomedical sciences
- > Many students take advantage of opportunities for summer work placements, normally between Levels 3 and 4, which are available as externally-funded competitive placements, or as voluntary laboratory work.
- > Between Levels 3 and 4, you have the opportunity to take a full year out of Dundee, either studying abroad, or on a full-time work placement. Both of these can give you a 'real world' perspective on your studies, while further developing your CV.

At the end of Level 3, you may leave with a non-Honours BSc degree in Biological or Biomedical Sciences, an excellent foundation for many careers.

LEVEL 4 (SCQF 10)

Level 4 continues the specialisation of Level 3, focusing strongly on your degree choice, and with a significant laboratory and skills element, through the Honours project and seminars and presentations. Because the Honours year is that much more challenging, entry to Level 4 from Level 3 requires a minimum grade average.

Semester 1

Research project:

- > Several formats are available including laboratory-based research under the supervision of a leading scientist, computer modelling, multimedia teaching packages, literature and electronic database review.
- > Your studies will involve extensive use of scientific literature and the opportunity to attend a regular programme of seminars given by invited speakers from Britain and abroad.

Semester 2

Choose from a range of specialist modules taught by leading researchers in life sciences and medicine.

At the end of Level 4, you will either graduate with a BSc Honours degree in a named single subject, or a more general BSc Honours degree in Biological Sciences or Biomedical Sciences. The title of your degree will reflect the specialist subject(s) you have studied and the project undertaken.

LEVEL 5 (SCQF 11) – INTEGRATED MASTERS

The Integrated Masters is a new route which will provide an opportunity for extensive development of your research and analytical skills in the subject area you feel most passionate about.

If you want to do the Masters year, you will need to achieve high scores throughout your studies, as progression into this part of the course will be competitive.

This level will consist of:

- > Extended research project
 - > Research seminars in your chosen area
 - > Research skills and planning
- and will prepare you for the world of biotechnology and pharmaceutical research, both in and out of the academic world.

To learn more about the current research areas you could be involved in please see: www.lifesci.dundee.ac.uk/research

Please see the following pages for details of Level 3 and 4 programme content for the Biological Sciences and Biomedical Sciences Honours degree programmes.

* Please see p134 for details of entry with Other Qualifications such as HNC/HND, BTEC Extended Diploma, and Advanced Diploma etc.

Biological Sciences

Entry requirements information and the list of degrees available are given on page 60.

Why study biological sciences at Dundee?

Biological Sciences cover all aspects of living systems from the ecosystem and whole organism level, down to the microscopic world of the cell and its life support mechanisms. The huge breadth of biology offers a corresponding wealth of opportunities for students who choose to study it to follow many paths through to a final degree.

Biological sciences is the growth industry of the 21st century, with increasing capacity for humans to intervene in, control and perhaps repair defective biological systems. Genetic manipulation of plants and animals, in particular, offers enormous possibilities for improving our lives but, at the same time, there are inherent dangers present in the unthinking application of these techniques. The next generation of professional biologists will have to play an important role, not only in the continued development of such methods, but also in deciding how they can be responsibly and safely applied.

Our relationship with the rest of the natural world is one which has been established over many hundreds of millions of years, and the early modules of the biological sciences programme have a strong evolutionary theme. They emphasise the fact that it is impossible to understand any aspect of biology unless you have a clear understanding of its most important general theory – evolution by natural selection.

Throughout the programme there is an emphasis on laboratory teaching, and students are encouraged to see the blending of field and laboratory based research as essential to the training of a properly rounded biological scientist.

Our Biological Sciences degree is a broad-based programme which allows you to combine a wider range of subjects than a single Honours degree and choose to specialise in those topics that most interest you.

What you'll study

All students study a common curriculum in Levels 1 and 2 which covers aspects of all biological and biomedical sciences at Dundee. This allows students to choose to specialise in any area of study that we offer which interests them from level 3.

At Levels 3 and 4 you will study a combination of modules appropriate to your chosen degree subject within the biological sciences:

- BSc Biological Sciences - students may specialise in:
 - Biochemistry
 - Bioinformatics
 - Cell and Developmental Biology
 - Cell Signalling
 - Drug Discovery
 - Immunology
 - Molecular Microbiology
 - Plant Sciences

Or you can choose to specialise and graduate with one of these named degrees:

- BSc Biochemistry
- BSc Biological Chemistry and Drug Discovery
- BSc Microbiology

Employability

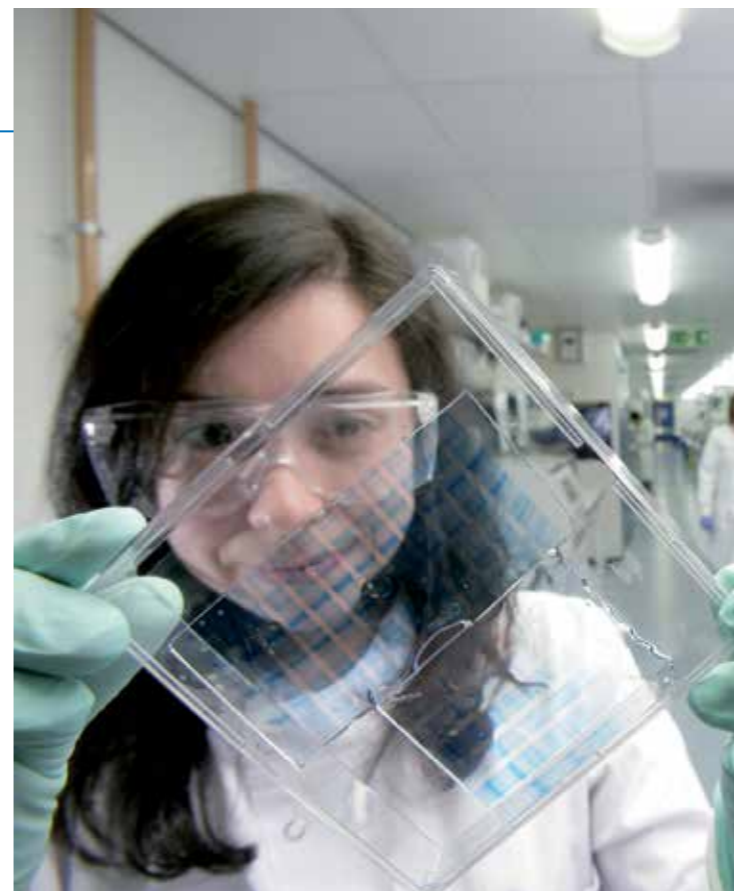
Statistics for recent years show that our graduates find employment or postgraduate training opportunities in a wide variety of destinations, particularly related to biosciences and research and development, and including: research in universities, research institutes and the pharmaceutical industry; teaching in schools, colleges and universities. Biological sciences graduates will also be valued for their scientific training and problem-solving skills by many potential employers in fields that are not directly related to the specific degree subject.

Throughout your studies you will also be developing transferable skills such as:

- information processing
- use of computers
- problem solving
- experimental design
- analysis and critical evaluation of scientific literature
- report writing
- making presentations
- communication
- time management

These will help to ensure that you have the skills to make you attractive to a wide range of employers.

“ Being first to undergo the significantly improved and intensified degree structure, stirred up my thirst to ensure that the gained knowledge could be put in to practice and help you to be among the best in your future career. ”



What our graduates say

“ My Honours project was the best academic experience I had. Hands-on work on an independent research project in a real lab alongside brilliant scientists epitomises the learning experience offered by the University of Dundee. ”

Katarzyna Kozyraska, graduated in 2011 with BSc (Hons) Molecular Genetics

Annie Irving is a graduate in BSc Biological Sciences and is currently studying Medicine at Dundee. She came to Dundee from the USA and says

“ The practicals in my science classes were brilliant. The ability to work with lecturers from Ninewells and experts in the fields was a great experience. The projects and labs were like a brain massage, both intellectually stimulating, but fun as well! ”

www.dundee.ac.uk/prospectus/lifesciences

Biological Sciences typical programme structure

Please refer to the Biological and Biomedical Sciences overview on page 60 for details of the common curriculum in Levels 1 and 2 and progression into the Integrated Masters (Level 5).

At Levels 3 and 4 you will study a combination of core and optional modules appropriate to your chosen degree subject or specialism within the biological sciences.

LEVEL 3

Core modules

- > Molecular Structure and Interactions
- > Genetics
- > Biochemistry and Cell Biology
- > Gene Regulation and Expression
- > Practical project

Optional modules

- > Plant Sciences
- > Applied Bioinformatics
- > Cell Signalling
- > Immunology
- > Cell and Developmental Biology
- > Organic Chemistry
- > Drug Discovery and Development
- > Molecular Microbiology

LEVEL 4 MODULES

Semester 1

- > Biological Sciences Research Project
- > Research Skills in Biological Sciences

Optional modules

- > Advanced Plant Sciences
- > Advanced Bioinformatics
- > Advanced Cell Signalling
- > Advanced Immunology
- > Advanced Cell and Developmental Biology
- > Advanced Organic Chemistry
- > Advanced Drug Discovery and Development
- > Advanced Molecular Microbiology
- > Advanced Gene Regulation and Expression
- > Parasitology
- > Cancer Biology

Possible progression onto Integrated Masters (Level 5) see page 61.

Professional accreditation

The MSci in Biological Sciences has “Advanced Accreditation” by the Society of Biology which recognises academic excellence in the biosciences. This accreditation highlights degrees which contain a significant research element and educate the future leaders of research and development.

Biomedical Sciences

Entry requirements information and the list of degrees available are given on page 60.

Why study biomedical sciences at Dundee?

Biomedical sciences are life sciences subjects related to medicine and the human condition. The term encompasses a broad range of closely inter-related life sciences disciplines, concerned with the structure and function of the human body in health and disease. They include subjects at the fore-front of life sciences research where issues and new developments frequently grab the headlines and can often have an immediate impact on our lives.

Biomedical scientists will play increasingly important roles in the 21st century as the results of their research, particularly at the molecular and cellular levels, lead to new and improved ways to diagnose and treat human diseases and contribute to improvements in human health and well-being in general.

At Dundee the biomedical sciences are concerned with the structure and normal function of the human body; the effects of disease and ways to prevent and treat disease; the study of physiology from the molecular level to that of the whole organism, in relation to health, understanding how the brain and nervous system function in health and disease; and understanding how drugs work.

Throughout the programme there is an emphasis on laboratory teaching, and students are encouraged to see the blending of field and laboratory based research as essential to the training of a properly rounded biomedical scientist.

What you'll study

The Biomedical Sciences route begins at Level 3 after completion of the core Life Sciences curriculum. Our new research-led biomedical sciences programme includes opportunities to study core themes of Physiology and Pharmacology alongside more-focused studies in Neuroscience.

The programme is designed and run largely by leading researchers from life sciences and medicine.

In Level 3, students are provided with a thorough, contemporary overview of their chosen subject(s) within a modular curriculum.

Workshop and problem-based study sessions are major features of all modules. In the Honours year (Level 4), students undertake either a practical-based research project in a cutting-edge laboratory environment, a more theory-based research and data analysis dissertation or a science communication project.

These research components are supplemented with advanced theory modules in specialist areas given by our leading research scientists. The choice of module topics in Levels 3 and 4, along with the subject area of the research project or dissertation, will define the designation of the final degree award.

Critically, the programme provides students with a firm grounding in current understanding of the structure and function of the human body in health and disease, alongside an ideal opportunity to develop into highly-skilled and knowledgeable scientists whom we expect to flourish in the new era of biomedicine.

At Levels 3 and 4 you will study a combination of modules appropriate to your chosen degree subject within the biomedical sciences theme:

- **Neuroscience** - Understanding how the brain functions in both health and disease is one of the great intellectual challenges of this century. Such studies are vital as we seek to better understand and treat neurodegenerative conditions such as Alzheimer's disease and neurological disorders such as epilepsy.

Elucidating how drugs influence our mood and behaviour is essential in developing new treatments for conditions such as anxiety and depression and in the better management of drug addiction. Neuroscience is the study of the functioning of the nervous system, both in health and disease. The discipline grows in importance to society as the aged proportion of the population increases, bringing new challenges in the treatment and management of neurological disorders.

- **Physiological Sciences** - Physiology is all about how living organisms function:-for example how blood circulates around the body, how food is digested and absorbed and how muscles use energy during contraction. Its scope ranges from understanding events at the molecular level (e.g. how cells sense nutrients) to the integrative physiology of organs and systems and how they are regulated and adjust to change.

Pharmacology also considers the body's handling of drugs - how drugs are administered and absorbed, how they distribute within the body, and how they are eventually inactivated and/or excreted. The study of pharmacology therefore has important links with a variety of factors affecting our health and welfare in the modern world.

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Employability

Statistics for recent years show that our graduates find employment or postgraduate training opportunities in a wide variety of destinations, particularly related to biomedicine and healthcare, and including: research in universities, research institutes and the pharmaceutical industry; teaching in schools, colleges and universities. Biomedical sciences graduates will also be valued for their scientific training and problem-solving skills by many potential employers in fields that are not directly related to the specific degree subject.

[Please note that the BSc Biomedical Sciences degree offered by the University of Dundee is not accredited by the Institute of Biomedical Sciences (IBMS). IBMS accredited courses focus on the specific vocational training required to pursue a career as a biomedical scientist in a pathology or biomedical laboratory within (or serving) the NHS.]



“The labs here are amazing places, brimming with ultra modern equipment, inviting students to explore aspects of science they had only previously read about.”

What our graduates say

“The project I chose, in enzyme pharmacology, has shaped my life, in that it led to PhD studies in the same field and, ultimately, a research career in that field. My first two publications came from that undergraduate research project, a source of great pride for me.”

Andrew Holt graduated in 1989 with a BSc in Pharmacology. He's now an Associate Professor (senior lecturer) in Pharmacology at the University of Alberta.



“The passion I see in my professors is engaging and dynamic. This has greatly enriched my learning experience here at Dundee and has helped me develop a better understanding in the topics being taught.”

Lauren Hooks, spent a semester as a visiting student from the USA

www.dundee.ac.uk/prospectus/lifesciences

Biomedical Sciences typical programme structure

Please refer to the Biological and Biomedical Sciences overview on page xx for details of the common curriculum in Levels 1 and 2 and progression into the Integrated Masters (Level 5).

At Levels 3 and 4 you will study a combination of core and optional modules appropriate to your chosen degree subject and your own areas of interest within the biomedical sciences theme.

LEVEL 3

Core modules

- > Biomembranes
- > Practical Techniques in Biomedical Sciences
- > Human Epithelial Biology
- > Regulatory Physiology and Pharmacology

Optional modules

- > Molecular Pharmacology
- > Sensory and Motor Neuroscience
- > Quantitative Pharmacology
- > Human Reproductive and Developmental Biology
- > Neuropsychopharmacology

LEVEL 4

- > Research project in Biomedical Sciences
- > Research Skills in Biomedical Sciences

Specialist study modules

- > Nutrient Sensing and Signalling
- > Psychiatric Disorders
- > Applied Neuroanatomy
- > Oxygen Uptake and Utilisation
- > Sensory Systems
- > Analgesic and Anaesthetic Pharmacology

Possible progression onto Integrated Masters (Level 5) see page 61.

Professional accreditation

The MSci Physiological Sciences has “Advanced Accreditation” by the Society of Biology which recognises academic excellence in the biosciences. This accreditation highlights degrees which contain a significant research element and educate the future leaders of research and development.

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English and mathematics (SG at 2, Nat5/Int2 at C, GCSE at B, Ord at B, SL at 5).

Advanced entry (to Level 2)

SQA Advanced Higher: **AAB**

GCE A-Level: **BBB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Business management or a related subject (AH, A-L, HL) and English and mathematics (SG at 2, Nat5/Int2 at C, GCSE at B, Ord at B, SL at 5).

Other qualifications

Please see 'Accountancy' on page 134 for details.

Degree programmes (with UCAS Codes)

BSc Business Management: **N200**

BSc Business Management (Accounting & Finance): **NN24**

See **making your application** on page 34.

Professional accreditation

Our Business Management programmes are accredited by the Institute of Leadership and Management (ILM).

Business Management

Why study business management at Dundee?

The career prospects of our students are excellent. At Dundee, we aim to help you develop the critical and analytical skills and techniques needed to enter a variety of rewarding careers in the business and management area.

The content of our two business management degrees is topical and relevant. We want you to understand the nature and power of various business techniques, as well as their limitations; how managers and other workers can influence the performance of contemporary businesses; how business and other types of organisations both influence and are influenced by society and also how they can help society to function by addressing society's problems.

Our teaching staff are leading experts in the areas of business and management. They are committed to providing a stimulating, supportive, friendly and well organised environment for students. Most of our staff have business and/or management experience as well as an academic background. They have strong links with companies as well as professional bodies. Thus, the degree content is informed both by innovations in practice and developments in academic thinking.

What you'll study

You will study a range of subjects which will prepare you for your future employment. Some of these are practically-oriented and some are more theoretical in content and approach. In engaging with your studies in this way, you will develop critical analytical and problem-solving knowledge and skills which are readily transferable to the multifaceted careers that we see developing within the labour market. With reference to our typical module provision, the incorporation of a combination of 'people-oriented' and 'technically-oriented' subject matter ensures that you will be able to fully engage within business and management, in its contemporary context and across the spectrum of complex roles that we currently see and expect to develop in the future.

Employability

Our degrees are designed to prepare you for a wide variety of careers in the areas of business and organisational management. For example, the Business Management degrees have professional accreditation with the Institute of Leadership and Management. Consequently a business management education at the University of Dundee emphasises critical, analytical, decision-making, problem-solving and communication skills. These skills are needed in organisations of all types and sizes - both in the UK and internationally. Your career is important to us and the practical relevance of our Business Management degrees is kept under continuous and careful review. We liaise with employers and the university careers service to ensure that our programmes continue to meet the needs of the graduate employment market. In Level 2, Business management students will have the opportunity to go on a short placement in a local business which will further increase your employability after graduation. We have also recently introduced the important and innovative topic of Entrepreneurship to Level 2.

Our graduates are to be found working all over the world in a variety of interesting and challenging jobs. Many are employed by large multi-national/trans-national organisations, or with smaller firms in the UK including manufacturing companies and financial institutions - some as managers in specialist positions and some as accountants; some operate in the public sector or the third sector, while others are running their own businesses.



www.dundee.ac.uk/prospectus/busman

Programme Content

While taking either of our Business Management degrees you will study a range of subjects, which will require you to develop and use both qualitative and quantitative approaches to demonstrating your understanding of business and management related information and knowledge. The quantitative element becomes more advanced in the higher levels of the Business Management (A&F) programme.

LEVEL 1

- > International Business Environment
- > Foundation Economics
- > Business Statistics
- > Business Information Systems
- > Introductory Financial Accounting
- > Introductory Management Accounting

LEVEL 2

- > Intermediate Financial Management
- > Financial Decision Analysis
- > Business Law
- > Management Concepts in Context
- > Entrepreneurship
- > Internship
- > Intermediate Management Accounting

LEVEL 3

- > Strategic Management and Policy
- > Managing the Human Resource
- > Research Methods in Business Management
- > Introduction to Marketing

Plus **one** option, including the opportunity to take a European language (French, German or Spanish).

LEVEL 4

- > Change Management
- > Managing Human Rights

Plus **three** options, including the opportunity to continue with a European language (French, German or Spanish).

Please visit our programme webpage for an up-to-date list.

Civil Engineering

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)
GCE A-Level: BEng **BCC**(min) - **BBB**(typ)
MEng **AAB**

ILC Higher: **AABB**

IB Diploma: BEng **30** points with 5, 5, 5 at HL
MEng **32** points with 6, 5, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + AB** (H) in different subjects

GCE A-Level: **BBB**(min) - **AAB**(typ)

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (AH, A-L, HL)

Other qualifications

Please see 'Engineering, Physics and Mathematics' on page 136 for details.

Degree programmes (with UCAS Codes)

MEng Civil Engineering Design & Management: **H201**

BEng Civil Engineering: **H200**

See **making your application** on page 34.

Professional accreditation

Our MEng and BEng programmes are accredited by the Institution of Civil Engineers (ICE), Institution of Structural Engineers (ISE), and the Chartered Institution of Highways and Transportation (CIHT) at CEng Level.

Why study civil engineering at Dundee?

We are one of the top civil engineering departments in the UK as indicated by recent national league tables. We provide a friendly but rigorous learning and teaching environment, with a high staff-student ratio and an excellent employment record for our graduates.

Our staff are constantly seeking to meet new challenges and opportunities within civil, structural and environmental engineering. Our programmes are research-led, developing continuously to reflect leading-edge technology, and the current and emerging needs of the profession.

There are opportunities for vocational industrial placements at all levels with a range of major companies and organisations.

If you can combine intellectual talent with a creative, innovative and practical outlook - if you want a wide variety of opportunities and challenges during your university studies and career - if you wish to develop skills to effect positive changes in the natural and built environment - then this is the programme for you.

What you'll study

The first two years bring students to a common knowledge base, where you begin to develop a core understanding of engineering, and use mathematical techniques to solve practical problems. You will become more aware of issues including health and safety, the environment and the engineer's role in society. Level 3 covers civil engineering topics including structural engineering, fluid mechanics, materials and geotechnics in more depth. Level 4 includes a major research project and advanced modules, preparing you to start your career in a civil engineering team. Level 5 (MEng only) concentrates on latest developments in engineering design and construction and a multi-disciplinary project, involving team-working and managing projects.

Employability

There is a continuing demand for civil engineers particularly in the energy and water industries; and the skills you will develop are highly portable in the multi-disciplinary engineering and other sectors.

Our graduates are attractive to employers in civil engineering, with many going on to achieve high level positions in most areas of the profession. These include consulting engineers and contractors, the offshore industry and research organisations.

The Institution of Civil Engineers Salary Survey Report (2013) for the UK indicates that the mean total income of its senior members and recent graduates is approximately £97k and £28.5k respectively.

In the 2014 National Student Survey 97% of our students said that they found their degree "intellectually stimulating".



What our graduates are doing

Stuart Ross graduated in 2009 with a 1st class MEng Honours degree in Civil Engineering Design and Management. He is now a graduate civil engineer with Arup, a global firm which works on a wide range of projects around the world. He also won the New Civil Engineer Graduate of the Year Award for 2010. Stuart says,

“In a competitive market a civil engineering degree from the University of Dundee has provided me with the necessary skills to be successful in the 'real world'. In particular, the combination of practical and theoretical work, as well as the support provided by lecturers, has not only prepared me for industry but also given me a head start in my professional development.”



Programme Content

Topics / modules covered will include:

LEVEL 1 / 2

- > Chemistry
- > Design
- > Electronics
- > Health and Safety
- > Manufacturing Processes
- > Materials
- > Mathematics
- > Mechanics
- > Physics
- > Professional Practice
- > Structures
- > Sustainability
- > Thermofluids

LEVEL 3

- > Civil Engineering Materials and the Environment Conceptual Design
- > Project Design Project Fluid Mechanics Mathematics for Engineers Soil
- > Mechanics Steel and Concrete Structures Structural Analysis II

LEVEL 4

- > Individual Research Project
- > Geotechnical Design
- > Construction Management
- > Structural Design
- > Structural Systems (MEng only)
- > Water Resources and Treatment

Plus **two** modules from a choice of:

- > Concrete Durability and Repair Technology
- > Environmental Hydraulics
- > Geo-environmental Engineering

LEVEL 5 (MEng only)

- > Advanced Structural Analysis
- > Multi-disciplinary Project
- > Soil Dynamics and Earthquake Engineering
- > Sustainable Construction
- > Project Management

Entry requirementsSQA Higher: **ABB/BBBC**GCE A-Level: **AB/CCC**ILC Higher: **ABB/BBBC**IB Diploma: **29** points with 5, 5, 4 at HL**Essential subjects:** English or a literate subject at C (H, AS, ILC H).**Other qualifications**

Please see 'Education, Social Work and Community Education' on page 134 for details.

Advanced entry (to Levels 2/3)

Prior learning and experience will be accredited and those who possess relevant entry qualifications are encouraged to apply for advanced entry including:

Level 2 entry: A relevant HNC with A in the Graded Unit or a relevant HND, along with evidence of competence in key areas of community learning and development.**Level 3 entry:** A relevant HND with BB in the Graded Unit, and significant evidence of competence in community learning and development.**Selection notes**

1. The programme can be undertaken on a full-time or a work-based mode.
2. A Protection for Vulnerable Groups (PVG) Criminal Records Check must be provided by the applicant, prior to matriculation on the course.
3. Experience of voluntary or paid work in community learning and development or a related field is desirable for entry into Level 1 and essential for entry into Levels 2 or 3.
4. We are committed to widening access to higher education and will consider applicants with previous learning through study or practical experience who do not meet the standard entry requirements.

Degree programme (with UCAS Code)BA Community Learning and Development: **X390**See **making your application** on page 34.**Professional accreditation**

Our programme is fully accredited and approved by the Community Learning and Development Standards Council Approvals Committee, which means that graduates will have a professionally recognised qualification in Community Learning and Development.

Community Learning & Development

Why study community learning and development at Dundee?

This is an exciting and vibrant programme which reflects the current field of community learning and development (CLD) practice in Scotland, UK and globally. Community learning and development is designed to enrich the lives of individuals and groups by engaging with people living within a geographical area or sharing a common interest to develop a range of learning, action and reflection opportunities determined by their personal, social, economic and political needs.

If you enjoy working with people, engaging in lively discussions about the issues in society today and are someone who is willing to share ideas and be open to the ideas of others, then you are likely to enjoy this programme.

The programme enables students to engage with the community, develop relevant learning opportunities, empower participants, organise and manage resources, and use evaluative data to assess and implement appropriate changes. You will also have the opportunity to make a difference to the society in which you live.

What you'll study

During your time on the programme you will experience a range of teaching methods, such as lectures, seminars, student-led presentations, individual and small group tutorials, practice based learning, projects and e-learning. With the support of tutors you will be encouraged to become an independent learner and to participate in a range of peer learning communities. Experienced practitioners also contribute to the delivery of the programme and this supports your engagement with the ongoing changes in the professional field of practice. Inter-professional modules are an integral feature of the programme and you will study modules with education and social work students.

Employability

The knowledge and skills that you acquire on this programme will prepare you for a variety of employment opportunities in working with adults, young people and communities in both the statutory and voluntary sector. This qualification is especially attractive to employers because it includes studying policy initiatives in relation to social justice and partnership working between agencies such as: local authority departments; further education; housing associations; health services; employment agencies; and the police services.

Our students also have the opportunity to participate in extended periods of practice learning at level 2, level 3 and level 4. This valuable field experience enables students to integrate theory and practice within a workplace setting enhancing future employability.

The majority of our graduates go directly into employment, which recently has included working in a variety of settings such as community centres and libraries; neighbourhood projects; primary and secondary schools; further education; housing associations and homeless units; and training, employment and voluntary organisations.

In the 2014 National Student Survey,
100% of our students were satisfied
with the quality of the course.

What's so good about community learning & development at Dundee?

The following comments were made by current final year BA (Hons) Community Learning & Development students:

“ I am much more aware of the socio-political issues and inequalities that people in our communities face and how CLD practice can play a part in achieving social justice by ensuring these inequalities and injustices are challenged and individuals and communities are supported to achieve their full potential.”

“ I would recommend this programme to anyone. I think it has prepared me well for the future. I like the way it was delivered, a lot of it was self-directed learning which prepares you for the work environment as there will be no-one there to hold your hand when you are a qualified practitioner.”

“ From my perspective the content of the course has been a perfect balance of practice and theory.”

**How has your degree helped you in the 'real world'?**

“ My degree has been hugely beneficial to me, particularly when it comes to being ready for work and having a greater awareness and understanding of partnership working.

Being able to partake in three very different work placements, I gained professional experience that has since helped build my confidence and made me a better worker. Also, my Community Learning & Development degree gave me valuable practical and theoretical knowledge of partnership work which, having worked with three different local authorities, I have realised is now a massive part of any professional setting.”

Sean, from Falkirk, graduated in 2011

Programme Content

Typical degree programme example.

LEVEL 1

- > Working Together
- > Self, CLD and Society
- > Making sense of CLD
- > Working with People
- > Engage with CLD diverse practice
- > Effective Practice

LEVEL 2

- > CLD Practice Learning (Placement)
- > Critical Practice in CLD
- > Introduction to Social Research in CLD
- > Developing Sustainable Organisations in CLD
- > Social Justice, Policy and Praxis

LEVEL 3

- > CLD Practice Learning (Placement)
- > Analysis and Critique in CLD
- > Researching Practice in CLD
- > Joint Action for Social Justice

LEVEL 4

- > Criticality: Theory and Practice
- > Practice Research

For information on the professional development and distance learning programmes offered in this area, please visit www.dundee.ac.uk/prospectus/distance

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Mathematics at B and a science (H, A-L, ILC H, HL); Computing Science is recommended.

Advanced entry (to Level 2)

SQA Advanced Higher: **BB + BB (H)** in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics and a science (AH, A-L, HL) (Computing Science is recommended) and completion of the University's Java Online module.

Other qualifications

Please see 'Computing' on page 134 for details.

Degree programmes (with UCAS Codes)

BSc Computing Science: **G400**

See also degrees in:

BSc Applied Computing (page 44)

BSc Digital Interaction Design (page 76)

See **making your application** on page 34.

Professional accreditation

Our programme fulfils the accreditation requirements of the Chartered IT Professional (CITP) and partial Chartered Engineer (CEng) and Chartered Scientist (CSci) accreditation by the British Computer Society (BCS).

Computing Science

Why study computing science at Dundee?

BSc Computing Science is a degree for people who enjoy the challenge of understanding the technical background of algorithm and software analysis and using these skills to solve real-life problems.

You will be taught by specialists in computer science, computing, and mathematics. We train our students to have a creative approach to programming, and are proud of our teaching approach which provides a strong user-based focus underpinned by theory.

You will be assessed by a combination of coursework and examinations. Coursework is often highly practical, for example designing solutions, evaluating algorithms, writing programs, constructing and testing software, analysing problems or presenting solutions to clients.

Students have 24-hour access to our award winning computing building with its unusual mixture of lab space and breakout areas. Here they can use a range of equipment such as servers, Macs, Arduinos and programming kit for games consoles including the Nintendo Wii and Sony Playstation.

What you'll study

Our degree focuses more on practice but still provides you with knowledge of the theoretical, scientific and mathematical components of computing such as:

- algorithms for data processing and analysis
- the fundamental theories of information and computation
- software engineering principles and practices
- the mathematics that underpins computational systems.

Computing scientists design and develop all types of software from the large banking system which allows money to be sent internationally, to the software which identifies your iPod when you attach it to your laptop.

Our students can take part in the Yahoo! Hack Day, which challenges programmers to come up with fresh, creative ideas.

Employability

Our students are highly employable:

- Our course portfolio is modelled upon the needs of the industry, and it is updated annually to maintain its relevance. Our industrial advisory board includes experts from NCR, Chevron, Microsoft and Cisco.
- Students work directly with employers at all levels in the degree programme. Project work, guest lectures and research seminars also involve key industry partners.
- There is an opportunity to take an industrial placement module between Level 3 and 4.

The scientific and mathematical skills you will learn as part of the computing science degree are becoming increasingly sought after in the current IT market.

In the 2014 National Student Survey, 90% of our students were satisfied with the quality of the course.



Why did you choose to study at the university of Dundee?

“ I was impressed by the high graduate employment rate and links with both local and international technology companies and I found both the range and quality of the research projects taking place within the School of Computing exciting.

I have enjoyed the combination of theory and practical applications in all modules I've studied so far. Aside from the obvious components of a computing science course, there have also been numerous opportunities to develop soft skills through team projects, presentations and written reports. ”

Neil Fordyce, Level 4 student - BSc Computing Science



Programme Content

Typical degree programme example.

LEVEL 1

- > Introduction to Software Development
- > WWW Authoring
- > Introduction to Data Structures and Algorithms
- > Mathematics - calculus, differential equations, algebra, logic, proof and group theory
- > Argumentation or Physical Computing

LEVEL 2

- > Multi-paradigm Programming & Data Structures
- > Computer Systems
- > Mathematics - pure maths
- > Object-orientated Analysis and Design
- > Algorithms and Artificial Intelligence

LEVEL 3

- > Database Systems
- > Secure Internet Programming
- > Networks & Data Communications
- > Theory of Computation
- > Games Programming
- > Agile Software Engineering

LEVEL 4

- > 3-week industrial team project
- > 18-week individual project
- > Plus 2 modules from the following:
 - > Multimedia audio
 - > Big data
 - > Technology innovation management
 - > Computer graphics
 - > Computer vision
 - > Computing the user experience
- > Plus 4 modules from Research Frontiers options such as:
 - > Space systems
 - > Inclusive design
 - > Robot eyes
 - > Computer face models

Typical requirements

BDS

SQA Higher: **AAAAB**GCE A-Level: **AAA**ILC Higher: **AAAAAA**IB Diploma: **37** points with 6, 6, 6 at HL

Essential subjects: Biology and one from chemistry, physics or mathematics (A at Higher, A-L, ILC H, HL at 6) All of these subjects at SG at 2, Int2/Nat5 at B, GCSE at B, Ord at B, SL at 5.

Graduates: A 2:1 or 1st class Honours degree, preferably in a life sciences subject.

Pre-dental YearSQA Higher: **AAAAB**GCE A-Level: **AAB(min) - AAA(typ)**ILC Higher: **AAAAAA**IB Diploma: **37** points with 6, 6, 6 at HL

Essential subjects: No more than one science (H, A-L, ILC H, HL).

Graduates: A 2:1 or 1st class Honours degree.

Admissions test: All applicants will be expected to undertake the UKCAT test before they apply.

Degree programmes (with UCAS Codes)

Bachelor of Dental Surgery (BDS) Dentistry: **A200**

Bachelor of Dental Surgery (BDS) Pre-dental Year Entry: **A204**

See also degrees in BSc Oral Health Sciences (page 112)

See **making your application** on page 34 and please visit our programme webpage for specific details on applying to dentistry.

Professional accreditation

This programme is registrable with the professional governing body for dentistry in the UK, the General Dental Council (GDC).

Dentistry

Why study dentistry at Dundee?

Throughout the BDS in Dundee you will develop the attributes required of a dentist to maintain the oral health of your patients. You will develop clinical skills across the full range of disciplines and build on the necessary scientific knowledge. You also will develop as a professional, communicating with your patients and helping them through what many find an anxious experience. The dentist works as part of the dental team and you will learn about the responsibilities of all members of this team.

Staff in dentistry are committed to your development. The staff team is small enough for you to get to know them well and the support provided for our students is recognised as excellent. Dental practice is ever-changing and an important aim of the BDS curriculum is that you appreciate that your undergraduate learning is the first phase in a professional education that will continue throughout your career.

What you'll study

Curriculum is as follows (subject to review):

Year 1

Biomedical and para-clinical dental sciences.

Basic emergency care.

Cleanliness champion programme.

Year 2

Dental and para-clinical sciences.

Cleanliness champion programme.

Introductory clinical skills courses.

Introduction to Clinical Skills course to ensure students are ready to go on to provide patient care.

Year 3

Clinical attachments in a range of disciplines underpinned by theoretical background. Further clinical skills courses.

Study of human disease.

Year 4

Continued clinical attachments and teaching.

Initial outreach attachments and elective study.

Year 5

Holistic patient care.

Attachments to specialist consultant clinics.

Outreach placements, both local and distant.

Employability

Dentists enjoy high community standing and an above-average income. Graduates normally complete a vocational or foundation training programme and can then choose to work as an associate, partner or principal in general practice, in the community dental service, or in a hospital with a view to becoming a consultant. University teaching and research is another attractive avenue for graduates. Dentists can join the armed forces as commissioned officers and several large companies employ their own dentists to provide dental treatment for their staff. An excellent range of employment opportunities therefore is available to BDS graduates.

In the 2014 National Student Survey, 97% of dentistry students were satisfied with the quality of the course.



Dentistry was ranked 1st in the UK by the Guardian University Guide 2015

**Programme Content**

Typical degree programme example.

YEAR 1

> Pre- and Para-Clinical Dentistry 1

YEAR 2

> Pre- and Para-Clinical Dentistry 2

> Introduction to Clinical Skills

YEAR 3

> Clinical Dentistry Part 1

> Clinical Medical Science

YEAR 4

> Clinical Dentistry Part 2

YEAR 5

> Clinical Dentistry Part 3



Entry requirements

SQA Higher: **BBCC**(min) - **BBBB**(typ)

GCE A-Level: **CCC**(min) - **BCC**(typ)

ILC Higher: **BBBB**

IB Diploma: **30** points

Essential subjects: One or more from art & design, product design or other creative subject; a science or appropriate technical subject (e.g. mathematics, physics, computing, information systems) plus an appropriate literate subject (H, A-L, ILC H, HL)

Selection notes

We are keen to see examples of creative work (e.g. websites, videos, blogs, computer graphics, sound recordings, things you have engineered, photographs, sketchbooks, posters, paintings, drawings, models, prototypes, artefacts you have made or hand drawn).

Applicants will be invited to attend an interview and visit to the course.

Advanced entry (to Level 2)

SQA Advanced Higher: **BB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: As above but at AH, A-L, HL.

Other qualifications

Please see 'Art and Design' on page 134 for details.

Degree programme (with UCAS Code)

BSc Digital Interaction Design: **WG24**

See **making your application** on page 34.

Digital Interaction Design

Why study digital interaction design at Dundee?

Interaction design is an exciting blend of product design, graphic design, computing and user research, but is a rapidly growing discipline in its own right. Here in Dundee it is closely related to product design as part of a joint programme called 'Social Digital'. Digital interaction design at Dundee is a pioneering course at undergraduate level, and highly respected internationally for its combination of people-centred design methods, good prototyping skills and design studio environment.

Digital interaction design at Dundee is all about being creative and sensitive to how digital technology will affect our everyday lives. This doesn't just mean computers – digital technology is almost everywhere, from mobile devices to domestic interiors, from intelligent clothing to telephone services. Digital companies from Apple to Orange employ interaction designers, as featured in the book *'Designing Interactions'* by Bill Moggridge.

So who studies digital interaction design? Our students are very diverse: some are technically minded, but also interested in design; others considered becoming other kinds of designers, but want to explore the future of our digital world.

Digital interaction design could be for you if you want to combine your creative and technical sides. This opens up careers in interaction design in the creative industries, but also gives you skills that could take you in other directions as well, such as user research or the digital economy.

Recent students' projects have included:

- a social networking app for charities to recruit volunteers
- a car dashboard using a smartphone for breakdown warnings
- a scarf with voice recognition for people who cannot speak clearly
- a touchscreen table for VJs in clubs.

Our students have access to hardware, software and the support of expert technicians for different purposes including: prototyping apps on mobile phones (e.g. Xcode), producing screen-based content and print-based artwork (e.g. Adobe Creative Studio), building interactive objects and exhibits (e.g. Arduino) and exploring data visualisation (e.g. Processing). Other facilities include woodworking and electronics workshops, video and sound editing, laser cutting and fabric printing.

What you'll study

Key to our philosophy is an interdisciplinary approach to teaching and learning. Our students are taught predominantly in our own studios also taking broader design studies as well as technology labs supported by computing. Our multi-disciplinary teaching team includes interaction designers, product designers, illustrators, computer programmers and ethnographers.

You will be assessed with written work, blogs and reports, exams and class tests, but mainly practical coursework – which can include websites, prototypes, videos, and other digital media. This coursework is not just submitted but usually presented, sometimes to potential future employers.

“I was pretty blown away by the quality and sensitivity of the students' work.”

Richard Banks, Interaction Designer at Microsoft Research

**Employability**

The skills you will gain as part of this degree are in high demand in today's digital world. At the end of the course you will be able to:

- prototype new interactions with digital technology
- understand how to involve users and clients in the design process
- use digital media to communicate your work
- present your work and the thinking behind it professionally
- work well in a team with people of different specialisms
- be ready to help to change digital culture and the digital economy.

Due to their adaptable skill-sets, our students go into many different careers, from setting up their own businesses to joining a design consultancy, or going on to Masters-level study or PhD research.

We are developing very strong links with world-leading companies locally and internationally. Microsoft Research has invited four of our students to present their work at their HQ outside Seattle.

www.dundee.ac.uk/prospectus/interaction

Programme Content

Typical degree programme example.

LEVEL 1

A foundation that introduces you to core design skills, people-centred research methods and design briefs across interaction design and product design.

LEVEL 2

Deepening your thinking around graphical interfaces, user research and prototyping, for example:

- > interaction design: user interfaces and information design
- > software and programming
- > designing social networks
- > design process: prototyping digital futures

LEVEL 3

Exploring interactions beyond screen-based interfaces, often with industry involvement, for example:

- > creating interactive objects, exhibits, clothing, furniture or spaces
- > interactive product design
- > designing mobile apps
- > expansive modules

LEVEL 4

Devoted mainly to your own personal project, helping you to develop your own area of expertise and portfolio.

- > major personal project
- > degree show exhibition
- > elective modules for example, communication futures, a critical study of emerging social technologies involving a choice of academic, report or journalistic writing

What our graduates are doing

Calum Pringle graduated in 2010. After an internship at Orange Labs, and a spell as a freelance Interaction Designer in London, he gained a full-time in-house post at Canonical, the company behind Ubuntu open source software. He exhibited at New Designers 2010 where he was short-listed for 'Best Interaction Design' and was listed as a 'Rising Star of Interaction Design' by Design Week in October 2010.



Entry requirements

MA & BSc Honours

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

MA Honours

Essential subjects: None, but see entry requirements for other Joint Honours subject.

BSc Honours

Essential subjects: A science or mathematics (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

MA & BSc Honours

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **BBB**

IB Diploma: **34** points with 6, 6, 5 at HL

MA Honours

Essential subjects: None, but see entry requirements for other Joint Honours subject.

BSc Honours

Essential subjects: Economics or mathematics (AH, A-L, HL).

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Degree Programmes

MA Business Economics with Marketing*: **LN15**

MA Economics*: **L100**

MA Financial Economics*: **L114**

MA Spatial Economics and Development: **LK14**

MA Business Economics with Marketing and...

European Studies: **LNRO**

Geography: **LLNO**

History: **LNVO**

Mathematics: **LNGO**

Politics: **LONO**

Psychology: **LNCO**

MA Economics and...

European Studies: **LR18**

Geography: **3K9Z**

History: **LV11**

International Relations: **LLD2**

Politics: **LL12**

* Also available with French, German or Spanish please visit our programme webpage for UCAS codes.

Economic Studies

BSc Degree Programmes

BSc Economics: **L101**

BSc Financial Economics: **L111**

BSc Business Economics with Marketing: **L1N5**

BSc Economics and...

Applied Computing: **GL41**

Mathematics: **GL11**

BSc Financial Economics and...

Applied Computing: **GLK1**

Mathematics: **GLD1**

See also degrees in:

MA/BSc International Business (page 98)

BSc Business Management (page 66)

BFin Finance (page 92)

See **making your application** on page 34.

Why study economic studies at Dundee?

Scotland was the birthplace of modern economics but the profession is now truly international. Our staff hold qualifications from major universities around the world, publish research in leading international journals and regularly present work at international conferences. So if you want to understand how the economy and the world of business and finance work then there is no better place to study than Dundee.

Our focus on applied economics research makes our modules closely linked to real problems in contemporary economies. This gives you an opportunity to develop a breadth of understanding relevant to your interests.

Dundee offers a flexible Honours programme in business, economics and finance enabling you to choose a combination of subjects that best suits your aptitudes and aspirations. You can choose to take either an MA if your interests and background lie mainly in the arts and social sciences or a BSc if you lean more towards mathematics, computing and the physical sciences.

If you want to train as an economist then the Economics degree will provide you with all you need while offering the greatest flexibility in your future career choices. If, however, you decide on a career in business then you can choose the Business Economics with Marketing degree which focuses on the business environment. The third possibility is the Financial Economics degree for those attracted by the opportunities in the financial sector.

The skills you will acquire will provide you with an excellent foundation for your future life and career.

What you'll study

Our approach introduces you to modern analytical and problem solving skills that are important to professional economists and the wider business community. In Levels 1 and 2 teaching is initially through a combination of lectures and tutorials, supplemented by workshops and computer laboratory sessions.

These continue in Levels 3 and 4 but you are also given the opportunity to prepare and deliver presentations, both individually and as members of a group. You may engage in case studies in which you research a company or topic in which you have an interest.

Coursework, in the form of essays, quizzes and group projects, plays an important role in assessment which, together with examinations, provides the basis for your final grade.

As part of their assessed coursework, the Honours year marketing research class carries out a number of marketing research studies on behalf of the Dundee University Students Association (the Students' Union). In the past the students have carried out surveys addressing issues such as perceptions of the regular club nights and weekend catering provision in the bar. In several cases the results of the survey have provided a significant input into revising the Union's offerings.

Employability

A wide range of possibilities is open to you when you graduate in economic studies. Alongside your specific subject knowledge, your degree will provide you with a valuable range of skills that can be used in many different careers such as:

- selecting and analysing information
- solving both abstract and practical problems
- understanding and interpreting numerical and graphical data
- thinking logically and laterally
- communicating your ideas concisely.

In recent years our graduates have found employment in many walks of life. Some have decided to pursue careers as professional economists and have gone on to work for the UK Government Economic Service or the Scottish Government. Others have taken up careers in finance or in general management, working for banking multinationals, major consultancies and marketing departments.

To help students with their job search, we organise sessions on career prospects where potential employers are invited to talk to students about future opportunities.

What our students say

“ My studies provided a solid theoretical base and strong analytical skills. I use my degree for issues as diverse as designing optimal employee contracts to asset finance. Equally important is the appreciation gained throughout my studies of international economic issues. The fundamental economic policy issues that governments face across Europe are broadly similar. These in turn present regulatory implications to business - climate change and vehicle carbon emissions are prominent examples. The choice of modules available and the approachability of any member of staff in the department are to be noted. I have no hesitation in recommending Dundee as an excellent university at which to study Economics. ”

Craig Alexander graduated in 2008 with a MA(Hons) degree in Economics and is currently running a growing inter-city passenger transport firm in Poland.

Nikita Ahuja is a final year student on the MA (Hons) Business Economics with Marketing programme. The previous year she was successful in securing a summer internship in human resources with Philips Company in India. She says,

“ I am planning a career in human resources so this was a great opportunity for me. It really helped me expand my knowledge and also gave me practical experience in the field by interning in a work based environment. I studied the human resource module in Level 3 which was beneficial for this internship as I had already studied about employee profiles, talent management tools, the importance of having a healthy environment in a company etc. I enjoy my degree course, and the best thing is that we can choose from a variety of modules each year, which allows us to study what interests us the most. Also, studying this course has given me the opportunity to meet many people and I now have friends from all over the world. ”

Programme Content

Typical degree programme example. Please refer to the **degree structure and overview** page for the **MA** (page 128)

LEVEL 1

- > Global Economic Perspectives
- > Foundations of Economic Analysis
- plus 4 other modules

LEVEL 2

- > Microeconomics
- > Macroeconomics and Economic Statistics
- plus 4 other modules

LEVEL 3

- > Macroeconomic Analysis (core module)
- > *plus for Economics:* Microeconomic Analysis Econometrics plus 1 optional module
- > *plus for Financial Economics:* Microeconomic Analysis Econometrics Financial Institutions
- > *plus for Business Economics with Marketing:* Business Economic Analysis Marketing plus 1 optional module

LEVEL 4

- > *For Economics:* Economic Theory, Economic Policy plus 2 optional modules
- > *For Financial Economics:* Financial Economic Analysis, International Finance plus 2 optional modules
- > *For Business Economics with Marketing:* Business Strategy, Marketing Research plus 2 optional modules

LEVELS 3 & 4 OPTIONS

You may select Levels 3 and 4 options from the wide range of modules on offer in Economic Studies.

- > Quantitative Methods for Business
- > Financial Institutions
- > Business Strategy
- > Government and Business
- > Dissertation
- > Human Resources
- > Econometrics
- > International Finance
- > Economic Policy
- > Marketing
- > Economic Theory
- > Marketing Research
- > Economics of Globalisation
- > Risk and Information
- > Financial Economic Analysis

You may also choose a foreign language as part of your degree or even select options from other disciplines.

Education

Entry requirements

SQA Higher: **ABBB**

GCE A-Level: **BBC**

ILC Higher: **ABBB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English at B (H, ILC H, HL) or English language and literature at B (GCSE) plus mathematics (SG at 2, Nat5/Int2 at B, GCSE at B, Ord at B, SL at 5).

Other qualifications

Please see 'Education, Social Work and Community Education' on page 134 for details. The essential subjects given above are also still required.

selection notes:

1. Applicants under consideration will be invited to a selection process prior to offers being made. This allows us to assess whether you have the knowledge and suitability for primary teaching. It also gives you the opportunity to find out more about the course and its content. If your application reaches the selection process stage you will be given *Advice Notes for Candidates* which will allow you to prepare in advance.
2. Applicants are expected to demonstrate knowledge of, and commitment to teaching, usually through work experience in a school setting.
3. Applicants are also expected to be able to engage in drama, physical education, fieldwork and other physical aspects involved in the role of the teacher.
4. A check will be conducted through the Protecting Vulnerable Groups Scheme (Disclosure), with the permission of the applicant, prior to acceptance.

Degree programme (with UCAS Code)

MA Education: **X120**

See **making your application** on page 34.

Professional accreditation

This programme is accredited by the General Teaching Council for Scotland (GTCS).

For information on professional development and distance learning programmes offered in this area, please visit www.dundee.ac.uk/prospectus/distance

Why study education at Dundee?

Our MA (Hons) Education leads to a qualification to teach children in the 3-12 years age range (nursery and primary schools). This programme, developed in response to recent national recommendations and other developments in teacher education in Scotland, replaces the old traditional BEd (Hons) Primary Education programme. Teaching is an exciting and rewarding occupation, requiring a variety of professional skills in communication, management and organisation. Teachers must be able to relate well to other people; exercise a considerable degree of understanding and patience; and rise to the physical, social and emotional demands that the job brings.

Nurturing a vibrant, dynamic, international and inter-disciplinary community is at the heart of what we do. The MA(Hons) Education programme draws upon modules from across the University as well as offering shared interactive learning with students preparing for careers in social work and community learning and development. This is excellent preparation for inter-professional collaboration later in your career as a teacher.

What you'll study

The MA(Hons) Education programme leads to a qualification to teach children from age 3 to age 12, (from nursery to the end of primary school). There are four major elements to the programme:

- professional practice
- subject-based academic electives
- core curriculum content modules
- electives related to learning and teaching in different curriculum areas

The programme consists of 24 modules over 4 years. These are student-centred and include workshops, lectures, seminars, tutorials, open-learning elements as well as practical experience in the classroom. The programme is delivered by university tutors who have years of experience as classroom teachers.

Professional practice is gained through blocks of time, (between two and eleven weeks), throughout the four years in primary schools, with the option of undertaking experience in nursery and/or secondary schools. From time to time children are invited in to the University to meet with and work with our students.

You will have the exciting opportunity to choose **modules from other subjects** within the University thus enabling you to both broaden and deepen your knowledge and understanding of key areas of the Primary Curriculum. You may choose to focus on mathematics, science, social subjects, or modern languages.

Alternatively you may wish to choose modules related to social work or community learning and development to enable you to have a deeper understanding of inter-agency working. In addition you will study in some depth, aspects of educational studies including the history and philosophy of education together with developmental psychology.

The **core curriculum content modules** cover all subjects that are required to be taught in Scottish primary schools: languages and literacy; mathematics and numeracy; social studies; science; technologies; expressive arts; religious and moral education; health and wellbeing as well as pedagogical studies, which links together the practical and theoretical aspects of learning and teaching.

Curriculum-based learning and teaching electives provide an opportunity for students to create, from a range of offered subjects, their own choice of study. The electives help to develop a deeper understanding of learning and teaching approaches within the context of the eight areas of the Curriculum for Excellence:

- language
- mathematics
- social studies
- technologies
- sciences
- expressive arts
- health and wellbeing
- religious and moral education



Employability

The number of students selected for Initial Teacher Education programmes in Scotland reflects anticipated national requirements, so employment prospects are good. Your employment prospects are increased further if you are willing to move out of your home area, to schools throughout Scotland and the rest of the UK. We work in partnership with Scottish Local Authorities and schools and our graduates are working across the UK. Every year some of our graduates choose to work abroad. A teaching qualification from a Scottish university is widely valued internationally.

The year following your graduation you will be given a guaranteed salaried induction post which enables you to develop further the skills, knowledge and understanding required for success in the classroom.

Eligibility for a salaried induction post is normally restricted to those students graduating from a Scottish Higher Education Institution with a Teaching Qualification, whose training has been publicly funded. This includes students from other parts of the UK and the EU, provided they have been assessed as eligible for Home Fees. This is regardless of how these fees are funded, i.e. through SAAS, Local Education Authorities, self-funded, Northern Ireland Education and Library Boards, etc. Students who pay overseas or full fees are not in publicly-funded places and are therefore not eligible to join the Induction Scheme. All students who graduate from our programme, however, are entitled to undertake the 'flexible route' to achieve full registration by the General Teaching Council for Scotland.

What our graduates say

Jonny Laing is in Level 3 of the MA (Hons) Education. He says:

“The staff on the education course are exceptional, and really understand what it takes to create the next generation of teachers. I feel that the course has not just enabled me to acquire knowledge, but also deepened my understanding of the role of teachers. This course is about more than learning the skills to transfer knowledge to the next generation. It is about understanding the past, evaluating the present and planning for the future. Through individual modules, such as the Learning from Life placement, there are also opportunities to personalise your educational experience. I thoroughly enjoyed my time working for an outdoor provider and look forward to taking my newly learned outdoor skills into the classroom.”

In the 2014 National Student Survey, 94% of our students said they were satisfied with the quality of the course.

www.dundee.ac.uk/prospectus/education

Programme Content

Typical degree programme example.

LEVEL 1

- > Beginning Professional Study
- > Subject-based academic elective module
- > Educational Studies
- > Pedagogical Studies
- > Core Curriculum Content Module
- > Observation/Professional Practice (6 weeks)

LEVEL 2

- > Subject-based academic elective module
- > Educational Studies
- > Core Curriculum Content Module (Languages)
- > Learning from Life Placement (non-school based)
- > Inter-agency Working Module
- > Core Curriculum Content Module (Mathematics)

LEVEL 3

- > Curriculum-based Elective (choice can be made from the eight aspects of Curriculum for Excellence)
- > Educational Studies
- > Pedagogical Studies
- > Nursery/Early Years Professional Practice

LEVEL 4

- > Curriculum-based Elective (choice can be made from the eight aspects of Curriculum for Excellence)
- > Thesis (double module)
- > Pedagogical Studies
- > Professional Practice (choice of any primary stage - double module).

NOTES

The MA(Hons) is a demanding programme in terms of time and effort, involving in-university work and placements, normally over a thirty-week academic year. In addition to classroom-based work, you will be expected to participate fully in drama, physical education and fieldwork, which is sometimes residential. Successful MA(Hons) Education students are well-rounded, enthusiastic individuals who care about the individuals they work with, both children and adults. To be successful on this programme it is expected that you will have particular strengths in mathematics, reading and writing as these are key elements of a teacher's job. You should also be able to lead and support physical education and fieldwork.

Electronic Engineering

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + AB (H)** in different subjects

GCE A-Level: **BBB(min) - AAB(typ)**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (AH, A-L, HL).

Other qualifications

Please see 'Engineering, Physics and Mathematics' on page 136 for details.

Degree programmes (with UCAS Codes)

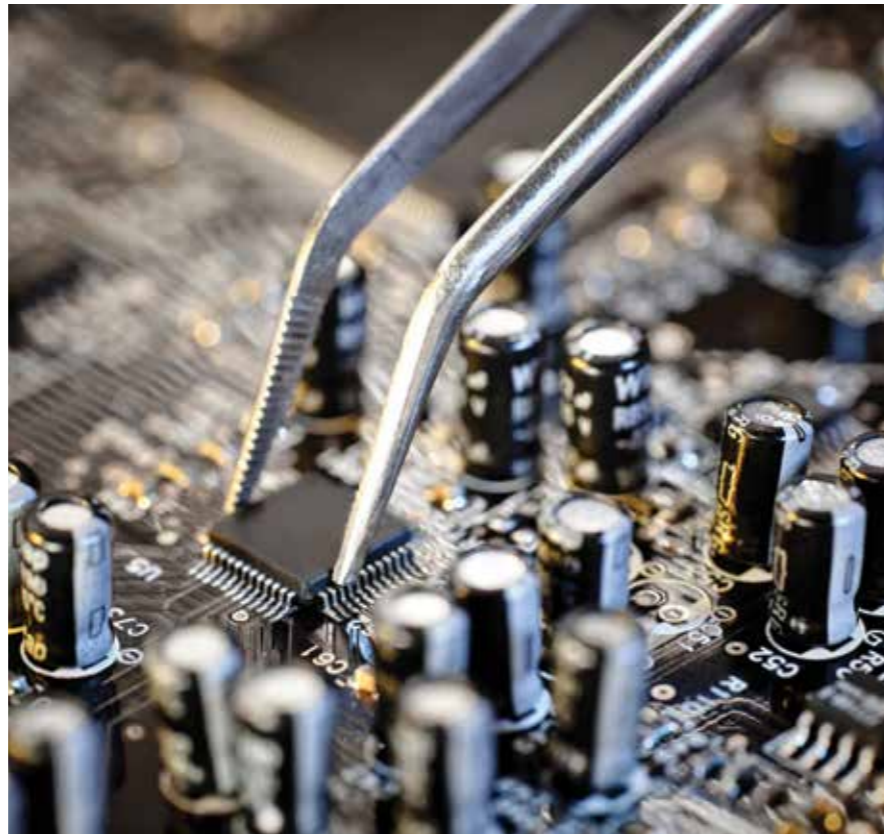
BEng Electronic Engineering: **H600**

BEng Electronic Engineering and Physics: **HF63**

See **making your application** on page 34.

Professional accreditation

Our Electronic Engineering programmes are fully accredited by the Institution of Engineering and Technology (IET).



Why study electronic engineering at Dundee?

Our degrees embody a strong base in physical science and mathematics in early years of the programme, alongside project work and real-life engineering practice. Many of our graduates have remarked that this 'strength in depth' approach provided exactly the resources needed for them to excel at interview, and to build a firm career foundation. Our research expertise includes renewable energy, biomedical engineering, nano-electronics and laser applications, topics introduced in later years of the programme through taught modules and individual project work. If you wish, you can get a head start by joining the Undergraduate Research Club from Level 1 onwards. Programmes are flexible – a common core of subjects in the first two years of study enables you to swap programmes up to the end of Level 2 as new interests develop and you form a clearer picture of the professional career you intend to follow.

What you'll study

You will study subjects and acquire skills needed to satisfy the educational requirements for Chartered Electronic Engineer status. Entrants to level 1 study Maths and Physical Science topics to advanced level, with engineering orientation provided through professional practice sessions and project work. Level 2 extends these topics selectively for engineering application, and introduces specific engineering topics developed in later years, such as Electronic Instrumentation, Engineering Software, Engineering Design, and Mathematical Methods. In Levels 3 and 4 specialisms including Advanced Device Technology, CMOS Design, Control Systems, Robotics and Internet Communications are studied, plus a substantial Individual Project.

Employability

The electronic engineering industry offers employment opportunities in; Aerospace, Offshore, Production Engineering, Telecommunications, Networking and Energy, to name just a few of the many sectors where our graduates have found jobs. Students on the Electronic Engineering and Physics degree receive a thorough grounding in advanced physical science and laboratory skills, and are thus ideally placed for a career in R+D or academic research. Our graduates are also successful in careers outside the mainstream, such as in project management, the civil service, and teaching. A Dundee engineering degree opens the door to a surprisingly wide range of career opportunities!

What our graduates are doing

Heather MacNeill, from Belfast, graduated in 2010. She is now working as a graduate hardware engineer with American Dynamics. She says, "My final year thesis probably provided me with the best learning experience. I was part of a biomedical laser research team working with tuneable External Cavity Diode Lasers. As you can imagine, it required a lot of background reading, but in return I learned a lot about lasers, gained practical experience in a lab and worked with some of the best minds around."

Alistair Martin graduated in 2010, and now works for a world-wide defence electronics company on their graduate development programme. "Having a broad skillset was very helpful in finding an international company as it means I can move jobs within the same company if I wish", he says.

Innes Murray, from Dundee, graduated in 2012, and is working for Nexus as a Project Manager, delivering the modernisation of the Newcastle Metro system. "Dundee University offers students the chance to have one-to-one tuition from helpful and knowledgeable staff, due to it having a small department. They have both academic and industrial experience, meaning students benefit from a relevant and dynamic course. Dundee helped me realise my potential, and gave me a very good starting point for finding graduate employment in my chosen industry."

Programme Content

Typical degree programme example.

LEVEL 1

At Level 1 all Engineering degree combinations share a common set of modules, and establish a thorough understanding of the foundation subjects upon which the later years of the degrees depend.

The following topics are covered:

- > Waves, Light and Matter
- > Engineering Projects
- > Engineering Mathematics
- > Mechanics
- > Electromagnetism and Circuits
- > Engineering Science
- > Professional Practice

LEVEL 2

Modules in Level 2 are also common across degrees.

The following topics are covered:

- > Electronics and Instrumentation
- > Electromagnetism and Light
- > Engineering Software and Design
- > Applied Mathematics and Optics
- > Programming Applications
- > Mathematics for Engineers
- > Engineering Projects
- > Professional Practice
- > Engineering Science

LEVEL 3

In Level 3 the Electronic Engineering (EE), and Electronic Engineering and Physics (EEP) degrees develop a more distinctive flavour:

- > Analogue Electronic Systems
- > Control and Dynamical Systems 1
- > Digital Electronic Systems
- > Mathematical Methods
- > Microelectronics
- > Business Framework (EE only)
- > Electrodynamics I (EE only)
- > Networks and Data Communications (EE only)
- > Experimental and Professional Physics (EEP only)
- > Quantum Mechanics I and II (EEP only)

LEVEL 4

In Level 4 all students undertake an individual project, plus appropriate modules from an extended list of subjects. EE students choose six option modules, and EEP students four, in consultation with their adviser:

Core modules:

- > Individual Honours Research Project
- > Electrodynamics I (EEP only)
- > Thermal Physics (EEP only)

Options:

- > CMOS VLSI chip design
- > Solar Energy and Photovoltaics
- > Control and Dynamical Systems 2
- > Advanced Device Technology and Nanoelectronics
- > Space Systems
- > Advanced Programming Techniques
- > Internet Programming (EE only)
- > Robotics and Mechatronics (EE only)
- > Optics and Photonics I (EEP only)
- > Statistical Physics (EEP only)
- > Thermal Physics (EEP only)
- > Condensed Matter Physics (EEP only)
- > Energy and Environmental Physics (EEP only)
- > Computational Physics (EEP only)

Minimum requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English/English Literature (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: English/English Literature (AH, A-L, HL).

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA English: **Q300**

MA English and...

Creative Writing: **QW38**

European Languages: **Q3H4**

European Studies: **QR38***

History: **QV31***

Mathematics: **GQ13**

Philosophy: **QV35***

Politics: **LQ23***

Psychology: **CQ83**

MA English with...

French: **Q3R1**

German: **Q3R2**

Spanish: **Q3R4**

MA Film Studies and...

English: **QW36**

Philosophy: **VP53**

The joint Honours courses marked * are also available with French, German or Spanish. Please see our programme webpage for details and UCAS codes.

See **making your application** on page 34.

English/Creative Writing/Film Studies

**Why study English/creative writing/film studies at Dundee?**

We have been voted number 1 in Scotland, and number 4 nationally, for student satisfaction. We work hard to make students feel at home, and to support them so they can achieve their best.

Our programmes mix tradition and innovation, giving you a solid grounding on your subject, as well as exploring the new and the cutting-edge. If you choose Dundee, you can study Shakespeare as well as Comics; Romantic Poetry as well as Digital Poetry; Hollywood Film as well as European Art Cinema, and these are just a few examples of the variety we offer.

We also have strong links with the creative communities around us. We collaborate with Dundee Rep, Scotland's acclaimed theatre, and with Dundee Contemporary Arts Centre. DURA is our online magazine where you can try your hand at writing reviews, while JOOT is our very successful drama group. We also offer international exchanges in many parts of the world.

What you'll study

We are passionate about our subject and sensitive to our students' needs. Your first two years will give you an overview of your subject and provide training in the skills you need for Honours Level and beyond. You will study the history of English literature from medieval times to the present, and the history of film from its origins to today. In year two, you will also start your creative writing courses if you choose that path. In years three and four you can choose from a long and varied list of modules which reflect our expertise and aim to deepen your knowledge and develop your critical, analytical and communication skills.

Employability

English is an adaptable subject, opening a flexible range of career options. Statistics show that students of English are often better at securing graduate-level posts than comparable humanities graduates. The joint degrees with Film and Creative Writing add another dimension to this. A wide-ranging knowledge of the arts, literature, and popular culture produces well-rounded individuals with a broad frame of reference, which is valued by employers, and creative writing skills are extremely marketable.

In addition to teaching, recent graduates have found work in publishing, journalism, arts administration, management, consultancy, the civil service and in the creative industries.

What our graduates are doing

Craig Elder graduated with MA English and American Studies in 2002 and is now Digital Director for the Conservative Party.

Emma Gibson works as a Senior Editorial Assistant for Macmillan Publishers and is the editor of an independent literary magazine. She graduated with a degree in English in 2007.

Monica Straughan has worked as Head of Communications and Chief Officer, Strategic Communications for the Scottish Environment Protection Agency and now works as a freelance consultant. She graduated with MA English as a mature student.

Peter Anghelides graduated from Dundee with MA English in 1984. He works for IBM and in his spare time he is a creative writer who has written three 'Doctor Who' novels for the BBC.

Laura D'All graduated in 2014 with MA English with French and is now training to be a primary teacher.

In the 2014 National Student Survey 97% of our students said they were satisfied with the quality of the course.

Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

English**LEVEL 1**

A total of 6 modules including:

- > Introduction to Literary Study
- > Reading the Screen: An Introduction to Film Studies
- > Early Modern Literature
- > Perspectives & Movements in Cinema

LEVEL 2

A total of 6 modules including:

- > Romantic to Victorian Literature
- > Introduction to Creative Writing Practice
- > Modernist to Contemporary Literature

LEVEL 3

A total of 4 modules (2 modules for Joint Honours) chosen from:

- > Multi-ethnic American Literature
- > Romantic & Gothic Literature, 1760-1830
- > Post-Colonial Texts
- > European Cinema
- > Modern Drama and Performance
- > Mediaeval Literature
- > Contemporary Literature
- > The Pictured Page: Literature to Comics
- > American Literature
- > Modernism & Modernity
- > Writing as Making
- > Shakespeare
- > Making Writing Matter
- > Film Art
- > The English Novel

LEVEL 4

A total of 4 modules (2 modules for Joint Honours) chosen from:

- > Contemporary Poetry
- > Crime & Detection in American Fiction
- > H G Wells, Science Fiction & Film
- > Mediaevalism at the Movies
- > Scottish & Irish Literature
- > Contemporary Drama and Performance
- > Old English Literature
- > Deciding on Writing
- > Re-imagining Britain
- > British Writers of Comics and Graphic Novels
- > Novels of Virginia Woolf
- > American Modernist Poetry
- > Epics, Exile & Nostalgia
- > History of the Book
- > Dissertation

Film Studies modules**LEVEL 1**

A total of 6 modules, including:

- > Reading the Screen: An introduction to Film Studies
- > Perspectives & Movements in Cinema

LEVEL 2

A total of 6 modules, including:

- > Classic Hollywood Cinema
- > Film Noir

LEVEL 3

A total of 4 modules, including:

- > European Cinema
- > Film Art

LEVEL 4

A total of 4 modules, including 2 from:

- > Epics, Exile and Nostalgia
- > Mediaevalism at the Movies
- > HG Wells, Science Fiction and Film
- > Dissertation

Creative Writing modules**LEVEL 2**

A total of 6 modules, including:

- > Introduction to Creative Writing Practice

LEVEL 3

A total of 4 modules, including:

- > Making Writing Matter
- > Writing as Making: poetics and creativity

LEVEL 4

A total of 4 modules, including:

- > Deciding on Writing

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Biology or chemistry or physics (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Biology or chemistry or physics (AH, A-L, HL).

Other qualifications

Please see 'The Environment' on page 136 for details.

Degree programmes (with UCAS Codes)

BSc Environmental Science: **F750**

BSc Environmental Science and Geography: **LF77**

MA Environmental Science and Geography: **FL77**

Widening Access Programme (with local FE Colleges):

BSc Environmental Science: **F7M0**

See **making your application** on page 34.

Environmental Science

Why study environmental science at Dundee?

Growing pressures on scarce resources and concern over the effects of climate change mean there has never been a better time to be an environmental science professional.

We have strong links to employers nationally, reflected by research and consultancy work undertaken by teaching staff and by the rising numbers of direct approaches we receive for graduates, including opportunities for work experience and summer placements. Guest lecturers from environmental employers address key environmental issues throughout the programme. Our staff operate an open-door policy for all students who are encouraged to approach staff as and when they wish for help and support.

The programme is designed to build knowledge and understanding successively at each level of a four year degree, developing both transferable skills in information technology and communication and subject specific skills in laboratory analysis, remote sensing and site investigation. Great emphasis is placed on learning through fieldwork, both independently and in group work.

What you'll study

Our programme is interdisciplinary with teaching staff drawn from a wide range of academic areas. This means that you will benefit from exposure to methods, facilities and research agendas that span the environment – from life sciences including chemistry and biology, through hydrology, remote sensing, geology, geomorphology, oceanography and physics, to environmental planning and management. The programme prioritises a sound scientific understanding as an essential requirement for debating topical environmental issues. The degree structure is flexible, allowing students to gain a systematic foundation before specialising in specific areas of environmental science. This provides a firm and rigorous foundation for your career in the environment.

Employability

As a graduate in environmental science you will have high employment prospects. You will have a solid scientific base knowledge together with valuable interpretative skills much sought by prospective employers in many fields such as environmental protection, environmental consultancy and the water industry.

Our focus on skills emphasises both transferable skills (e.g. in numerical problem solving, communication and team working) and discipline-specific skills (e.g. flood risk assessment using industry-standard hydrological models) which are endorsed by employers as relevant to the needs of the employment marketplace.

Staff have especially strong working relationships with the UK environmental regulatory agencies, local authorities and consultants.

The staff are particularly enthusiastic about the material they teach and are always willing to focus further attention on any areas of difficulty.

Final year student comment



What our graduates say

“The broad range of subjects covered in my degree gave me an ideal foundation for working in the geo-environmental sector. Transferable skills integrated into the course such as IT, problem solving, numeracy and report writing provide the skills base needed for any graduate job.”
Heather Miller graduated in 2005 and went on to work as an Environmental Engineer.

Nicola Saunders, from Glasgow, graduated from BSc Geography and Environmental Science in 2012. She says,

“The course is very interactive and the field trips are extremely useful as you can see physical and human aspects happening in the real world. The lecturers are one of the top reasons I chose the subject. They will do anything to help you and are extremely understanding if you are having any difficulties or problems.”

In the 2014 National Student Survey, 100% of our students expressed satisfaction with the quality of the course.

www.dundee.ac.uk/prospectus/environmentalsci

Programme Content

LEVEL 1

- > The Physical Environment
- > Environments For Life

Topics covered include Geology, Physical Geography, Hydrology, Environmental Physics, Environmental Chemistry, Weather and Climate, and Environmental Biology plus 4 other modules including at least 2 appropriate science based modules for BSc degrees

LEVEL 2

- > Management and Monitoring (Geoscience, Remote Sensing and Environmental Resource Management)
- > Mechanisms and Measurements (Aquatic Science, Ecology, Oceanography and Pollution)

plus 4 other modules, including at least 2 appropriate science based modules for BSc degrees; one of these will be chemistry for Advanced Entry to Level 2 for students who do not have a good pass at Higher or A-Level in chemistry (or an equivalent qualification)

LEVEL 3

- > Reconstructing Past Environments
- > Environment and Conservation: An Issues Approach
- > Field Methods and research skills (includes residential field course)

plus 2 modules from a range of available specialist modules

LEVEL 4

- > Dissertation
- > Catchment Sediment Dynamics
- > Coastal and Estuarine Geoscience
- > Migration and Ethnicity
- > Natural Resource Use, Climate Change and Sustainability
- > Geographical Information Systems
- > Glacial Processes and Environments
- > Hydrology and Water Resources
- > Water Hazards and Risk

Single BSc students take the Research Project Module + 3 other modules

Joint BSc or MA students take 2 modules

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for Joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: None, but see entry requirements for Joint Honours subject.

Other qualifications

Please see 'The Environment' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Environmental Sustainability: **F751**

MA Environmental Sustainability and International Business: **NF17**

MA Environmental Sustainability and Geography: **FL7R**

See **making your application on** page 34.

Professional accreditation

Our MA in Environmental Sustainability is accredited by the professional body the Institute of Environmental Management and Assessment (IEMA) which means that all students who attain a lower second class degree or better are eligible for Associate Membership of IEMA.

Environmental Sustainability

Why study environmental sustainability at Dundee?

With the increasing emphasis on the "green agenda" in all aspects of daily life, we offer a theory-based, practice and research-driven degree programme that will equip you with confidence and relevant skills for the job market. Public agencies are now looking for people with the ability to deliver sustainable outcomes, while businesses, large and small, are seeking graduates with substantial skills to ask the right questions, craft the right strategies and project level measures, and execute implementation that meets the challenges. Dundee is uniquely located for the study of environmental sustainability. It has easy access to estuarine, maritime and a range of terrestrial environments. Its urban and industrial heritage, the fertile agricultural hinterland and the backdrop of hills and mountains afford a vibrant and varied 'laboratory' in which to study. You will also study within a collegial learning environment complimented by knowledgeable resource persons from relevant fields of practice.

What you'll study

We offer subjects related to sustainability and the "green agenda" focusing on how the private, public and business sectors can plan for and respond to key challenges such as global warming and climate change. The studies cover the scientific, technological, governance and planning aspects of the sustainability agenda covering strategies and measures at various levels. Overall, we focus on how to manage the interface between the natural and built environments more ethically and sustainably, towards more efficient and sustainable lifestyles whilst protecting critical natural capital.

Employability

Graduates from the programme are employed in a wide variety of jobs in both private and public sectors:

- preparing national policy and legislative guidance on environmental protection
- assisting local authorities with sustainable development strategies (waste, energy, water etc.) and other environmental policies
- environmental consultancy in specialist areas
- environmental management systems and corporate social responsibility in corporations
- countryside rangers.

Some of our graduates have worked at European Union level, drafting pollution control regulations in Brussels; Marks & Spencer on Corporate Social Responsibility; Facilities Management Assistant (Energy) for Perth & Kinross Council etc.

What our graduates are doing

Connor Hill graduated in 2011 and is currently working with Marks and Spencer in London as Corporate Social Responsibility Project Manager in their Plan A and Sustainable Business Team. He says,

“ Among other things, the course taught me how the environment and business can often be in conflict with one another and how to mitigate these conflicts. The range of modules in the early years gave me a great platform to explain how the environment works, from geology and knowing the reasons for particular land use to understanding the short and long term effects of using particular minerals and raw materials in our day to day living. ”

Dr Wendy Fail graduated in 2001. She is currently working as an Energy and Environment Auditor for the Green Tourism Business Scheme and travels extensively throughout the UK. Her role involves assessing the environmental impact and prescribing energy saving and improvement recommendations to hotels, B&Bs, guest accommodation and visitor attractions for the Green Tourism Award.

Programme Content

Typical degree programme examples.

MA (Hons) in Environmental Sustainability

LEVEL 1

- > Sustainable Development and the Environment
- > Countryside Planning and Management
- > The Physical Environment
- > Environments for Life
- plus 2 other modules

LEVEL 2

- > Management for Built and Natural Environments
- > Introduction to Environmental Law
- > Management and Monitoring
- > Mechanisms and Measurements
- plus 2 other modules

LEVEL 3

- > Business, Law and the Environment
- > Environmental Assessment and Sustainability Appraisal
- > Research Methods in Human Geography or GE31020 Field and Laboratory Skills in Physical Geography
- > Data Handling and Statistics
- plus 1 other module

LEVEL 4

- > Environmental Change, Natural resource Use and Sustainability
- > Dissertation
- plus 2 approved modules from ES (Environmental Science) or TRP (Town & Regional Planning).

MA (Hons) in Environmental Sustainability and Geography

LEVEL 1

- > Sustainable Development and the Environment
- > Countryside Planning and Management
- > A World in Crisis
- > A World of Plenty
- plus 2 other modules

LEVEL 2

- > Management for Built and Natural Environments
- > Introduction to Environmental Law
- > Dynamic Human Worlds
- > Dynamic Physical Worlds
- plus 2 other modules

LEVEL 3

- > Business, Law and the Environment
- > Research Methods in Human Geography or GE31020 Field and Laboratory Skills in Physical Geography
- > Data Handling and Statistics or GE32020 Key Ideas in Geography
- plus 1 other option

LEVEL 4

- > Dissertation
- plus 3 other modules

MA (Hons) in Environmental Sustainability and International Business

LEVEL 1

- > Sustainable Development and the Environment
- > Countryside Planning and Management
- > Global Economic Perspectives
- > Foundations of Economic Analysis
- > Plus 2 other approved modules

LEVEL 2

- > Management for Built and Natural Environments
- > Introduction to Environmental Law
- > Macroeconomics
- > Macroeconomics and Economic Statistics
- plus 2 other modules

LEVEL 3

- > Business, Law and the Environment
- > Business Economic Analysis
- > Quantitative Methods for Business
- plus 1 other Environmental Sustainability module

LEVEL 4

- > Dissertation
- > Economics and Globalisation
- > Business Strategy
- plus 1 approved modules from SU (Environmental Sustainability)

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for Joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: None, but see entry requirements for Joint Honours subject.

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA European Studies and...

Business Economics with Marketing: **LNRO**

Economics: **LR18**

English: **QR38***

European Language & Culture: **RR89**

Geography: **LR78**

History: **RV81***

International Relations: **LR28***

Philosophy: **RV85***

Psychology: **CR88**

The joint Honours courses marked * are also available with French, German or Spanish. Please see our programme webpage for details and UCAS codes.

See **making your application** on page 34.

European Studies

Why study European studies at Dundee?

European Studies at Dundee is part of the European Institute for Security and Justice, a Jean Monnet Centre of Excellence that is co-funded by the European Union.

Our degree programme has many distinctive features with regards to module combinations and specialisations and we have been commended for our strong interdisciplinary approach. During your studies you will have opportunities to combine perspectives from economists, geographers, historians, linguists, philosophers, cultural study specialists, as well as political analysts.

As a European Studies student, you will be particularly encouraged to go on an Erasmus exchange to one of our partner universities in Europe. You will have the opportunity to take part in field trips to European organisations in particular to Brussels and/or Strasbourg.

What you'll study

We will give you the historical and political background, but you will also look at contemporary issues, such as integration, migration, cultural identity, language policy, economic policy and governance.

The focus of our core courses is Europe-wide, including Russia, and the wide range of optional modules allows you to specialise. You can choose from a wide range of additional modules from other Humanities subjects and related fields.

You can combine your joint Honours European Studies degree with the study of French, German or Spanish as part of your pathway should you wish to do so. A range of other languages are also available as additional modules. The joint Honours programme with European languages and culture also allows you to study two languages from French, German or Spanish during every year of your studies.

Employability

As a European Studies graduate, you will have gained a range of transferable skills during your studies including skills in research, written and oral presentation, and intercultural communication and mediation.

Our graduates work in a range of areas including education, archives, politics, government services, journalism, non-governmental organisations (NGOs) and European Union bodies, with some starting their own business.



What our graduates say

“ Studying European Studies gave me an in-depth insight into the transnational organisation. I have learnt how the EU operates and why it is fundamental for the world in the future. Accompanied by my year abroad, that has boosted my language confidence immensely and it has given me a solid basis for my future. ”

Anna Rozewska, from Poland, graduated in 2010 with MA (Hons) European Studies and Economics

What's so good about european studies at dundee?

“ You are studying in a truly multicultural environment – both students and lecturers come from various countries, representing different cultures, with their personal insights and experiences, which made the learning process a lot more interesting. ”

Ilze Plavgo, graduated in 2009 with MA (Hons) European Studies and International Relations

What our graduates say

“ The option of studying European Studies with a language was a great opportunity. I found the cultural aspect of European studies really interesting so I decided to go to Grenoble in France on an Erasmus exchange in 3rd year. Even though I will admit that it was one of the hardest things I have ever done I am so glad I went and I have taken away so many insights and good memories, it was more than worth it. ”

Judith Kahl, from Germany graduated in 2011 with MA (Hons) European Studies with French and went on to complete MLitt Continental Philosophy



Programme Content

Please refer to the **MA degree structure and overview** on page 128.

European Studies (with one foreign language)

LEVEL 1

A total of 6 modules, including:

- > The Globalising World (core module)
- > Two level 1 modules in * Applied French or German or Spanish one level
- > 1 core module in your other joint Honours subject

* Please note: there are two languages streams in French, German and Spanish: one for those with a Higher or an A-level; the other for complete or near beginners.

LEVEL 2

A total of 6 modules, including:

- > Contemporary Challenges for Europe (core module)
- > Two Level 2 modules in Applied French or German or Spanish
- > One level 2 core module in your other joint Honours subject

LEVEL 3

A total of 4 modules, including:

- > Two module(s) in your other joint Honours subject
- > French 3: Language and culture in context
- or
- > German 3: Language and culture in context
- or
- > Spanish 3: Language and culture in context

Please note: alternatively, the whole or part of Level 3 can be spent studying at a partner university in Denmark, France, Germany, Poland, Spain or Turkey.

LEVEL 4

A total of 4 modules, including:

- > Dissertation (on topic of your choice in European Studies)
- or
- > Studying Human Rights
- or
- > Europe and International Security
- and
- > French 4: Language and culture in context or German 4: Language and culture in context
- or
- > Spanish 4: Language and culture in context

Plus two modules in your other joint Honours subject

Please visit the programme webpage for information on studying European Studies without a foreign language or for the joint Honours programme with European languages and culture (taking 2 languages from French, German or Spanish).

Entry requirements

SQA Higher: **BBBC**(min) - **ABBB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **ABBB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: English and mathematics (SG at 2, Nat 5 / Int2 at C, GCSE at B, Ord at B, SL at 5).

Advanced entry (to Level 2)

SQA Advanced Higher: **BBB**

GCE A-Level: **BBB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Mathematics, economics and accounting (AH, A-L, HL) and English (SG at 2, Nat 5/Int2 at C, GCSE at B, Ord at B, SL at 5).

Other qualifications

Please see 'Accountancy' on page 134 for details.

Degree programmes (with UCAS Codes)

Bachelor of Finance (BFin): **N300**

Bachelor of International Finance (BIFin): **N390**

See **making your application** on page 34.

Professional accreditation

The BFin is an accredited degree and allows exemptions from professional examinations from the following bodies: ACCA, CIMA and AIA.

Finance

Why study finance at Dundee?

We aim to help you develop the skills and techniques needed for a variety of exciting careers in finance. The term finance is normally used to refer to the management of money and a major part of modern finance study involves examining the way in which large corporations use their funds to generate income and wealth in the future.

Where the BFin (Bachelor of Finance) addresses financial issues relating to UK and Irish companies, the BIFin (Bachelor of International Finance) will provide you with the necessary analytical skills to understand the environment within which multinational firms operate. It will also enable you to understand the practices through which these firms select, assess and finance their projects internationally and provide you with a foundation to appreciate ways that financial risks are managed by international firms. We will show you all aspects of the financing process from the raising of funds by companies through to the complex operation of, and links between, different capital markets.

What you'll study

Students studying finance are taught by staff who have either practical experience working in the financial sector or who have gained insights into financial practices through their research involving analysts, company directors and market traders. These insights from practice help inform the teaching of finance at Dundee and are reinforced by student visits to the financial centres of both London and Edinburgh.

All students studying for the BFin and the BIFin degrees take a common set of modules in Levels 1 and 2.

In Level 1 and 2 of the BFin and the BIFin, three subjects are delivered per semester, each having approximately 5 hours of classes each week. We expect students to undertake an additional 20 hours of individual study per week to prepare for classes.

Employability

The BFin and BIFin can enhance your employability by developing your numeracy and analytical abilities, IT skills and communication skills. Many students go on to work in the financial services sector either as analysts, fund managers or on the trading floors of investment banks. A large number take professional examinations such as those of the Chartered Institute of Bankers in Scotland or the Chartered Financial Analyst Association.

The BFin and the BIFin degrees act as an excellent stepping stone into all of these professions, but also cover much of the material required for a number of other professional financial qualifications, including the professional accountancy bodies.

In addition, a number of visiting guest speakers, drawn from practice, are invited to talk to students about the investment trust sector specifically and the fund management industry in general.



What's so good about finance at Dundee?

“The programmes were developed after discussions with employers and are tailored to the theoretical and practical issues most relevant to the modern financial environment.”

What our graduates are doing

Gareth Gettinby graduated from BFin Finance in 2000. He has been working as a Research Analyst on the strategy team at Standard Life. He says:

“The BFin degree gave me a great foundation to the investment exams that I have successfully undertaken, for example the Investment Management Certificate (IMC). Overall the course is great! It covers such a diversity and range of topics that will equip any student wishing to pursue a career in investments.”

Programme Content

Typical degree programme example.

LEVEL 1

- > Introductory Financial Accounting
- > Introductory Management Accounting
- > Business Statistics
- > Management and Information Systems
- > Global Economic Perspectives
- > Foundations of Economic Analysis

LEVEL 2

- > Intermediate Financial Accounting
- > Intermediate Financial Management
- > Financial Decision Analysis
- > Intermediate Management Accounting
- > Microeconomics
- > Macroeconomics and Economic Statistics

LEVEL 3

- > Microeconomic Analysis
- > Advanced Financial Management
- > International Capital Markets
- > Econometrics (BFin)
- or
- > Macroeconomic Analysis (BIFin)

LEVEL 4

- > Financial Management Theory
 - > Financial Economic Analysis (BFin)
 - or
 - > International Finance (BIFin)
- plus three optional modules, two from Accounting and Finance and one from Economic Studies. Please visit the programme webpage for a full list of Level 4 module options.

Geography

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None for MA, but see entry requirements for Joint Honours subject; a Science (H, A-L, ILC H, HL) for BSc.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Geography (AH, A-L, HL) for MA; geography and biology or chemistry (AH, A-L, HL) for BSc.

Other qualifications

Please see 'The Environment' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Geography: **L700**

MA Geopolitics: **L246**

MA Geography and...

Business Economics with Marketing: **LLN0**

Economics: **3K9Z**

Environmental Science: **FL77**

European Studies: **LR78**

History: **LV71**

Planning: **LK74**

Politics: **LL72**

Psychology: **CL87**

MA Geography with...

French: **L7R1**

German: **L7R2**

Spanish: **L7R4**

BSc Geography: **F800**

BSc Geography and Environmental Science: **LF77**

See **making your application** on page 34.



Why study geography at Dundee?

Geography at Dundee achieves excellent levels of student satisfaction. A choice of modules, MA and BSc degree pathways and single and joint honours routes allows a programme which is personal to each student, with an 'open door' policy on access to staff at the heart of the student experience. Our modules cover human, social and physical geography and environmental science, as well as integrated perspectives, e.g. on social resilience to natural hazards, and skills acquisition. As a Dundee geographer you will learn how to apply your knowledge to analyse a wide range of challenges. You will benefit from teaching informed by staff research and can take advantage of research seminars and field research trips both in Scotland and abroad. In Honours years especially class sizes make for a close-knit community, supported by the Geography student society. You can also spend up to a whole academic year on an overseas exchange.

What you'll study

Levels 1 and 2 address pressing topics such as global climate and environmental change and inequality, introducing key geographical perspectives, quantitative and qualitative skills and cartography. You will also undertake fieldwork locally and in the Highlands. Core Honours-level modules cover geographical research methods and techniques and current theories and debates in more detail, and include a Spain fieldtrip and a substantial individual research project (the dissertation). However, for most Honours modules, you will choose from a range of options. Teaching combines lecture, practical and interactive formats, continuous assessment and exams, and makes extensive use of digital and laboratory-based resources.

Employability

Studies by the Royal Geographical Society show that geography degrees allow students to develop transferable skills and knowledge that employers value, such as in communication, problem-solving and analysis. Many of our graduates go into geography-related careers in development or environmental consultancies, government, tourism, planning and teaching, although they are also competitive in other fields such as marketing, finance, management and administration, as well as in seeking funded postgraduate MSc and PhD opportunities. Geography at Dundee also participates in the Dundee Graduate Skills Award scheme providing both careers advice and guidance on developing the geography degree in career- and employer-relevant ways.

How has your degree helped you in the 'real world'?

Gordon Falconer graduated with MA (Hons) in Geography in 2012 completing a one year MSc at Dundee while he was appointed as an Environmental Consultant with CBE Eco Engineering. He says:

“The Geography MA course at Dundee allowed me to develop skills and knowledge which I have been able to use in applying for further study and for my current job. The emphasis on analytical, IT, writing, fieldwork, groupwork and presentation skills throughout four years of study have all allowed me to develop my capabilities and become an effective graduate. The Geography course allowed me to develop interests in subjects that I enjoy and, with the support of the staff, to identify opportunities and specialise.”

In the 2014 National Student Survey, 100% of our students were satisfied with the quality of their course.



Programme Content

Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

- > Introduction to Geography Part 1: The Unequal World
- > Introduction to Geography Part 2: Environment, the City and Society plus 4 other modules including at least 2 appropriate science-based modules for BSc degrees

LEVEL 2

- > Dynamic Human Worlds: Society, Culture, Economy
- > Dynamic Physical Worlds: Earth, Water and Ice plus 4 other modules including at least 2 appropriate science-based modules for BSc degrees

LEVEL 3

- > Research Methods in Human Geography
- > Field and Laboratory Skills in Physical Geography *International Field Research *Key Ideas in Geography *Data handling and Statistics
- > Students need to select a combination of the above core modules depending on their pathway plus 2 modules from a choice of:
 - > Cities: Places, People and Conflicts
 - > Environmental Remote Sensing
 - > Glacial Processes and Environments I
 - > Hydrology and Water Resources I
 - > Geographical Information Systems
 - > Geographies of Power
 - > Geographies of Children and Youth
 - > Reconstructing Past Environments
 - > Tourism, Transnationalism, and Mobility Water Hazards and Risk Population Geography Social Resilience: Environment, Welfare and Communities Geographies of Health, Disability and Well-being

LEVEL 4

- > Dissertation plus 3 optional modules from a choice of:
 - > Catchment Sediment Dynamics
 - > Advanced Geographical Information Systems
 - > Advanced Hydrology and Water Resources
 - > Coastal and Estuarine Geoscience
 - > Advanced Geographies of Power
 - > Advanced Glacial Processes and Environments
 - > Advanced Water Hazards and Risk
 - > Advanced Geographies of Children and Youth
 - > Advanced Cities: Places, People and Conflicts
 - > Advanced Tourism, Transnationalism and Mobility
 - > Environmental Change, Natural Resource Use and Sustainability
 - > Advanced Geographies of Health, Disability and Well-being
 - > Advanced Social Resilience: Environment, Welfare and Communities

For details of the programme content for Geopolitics please visit our programme webpage.

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB (H)** in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Other qualifications

Please see 'Humanities/Economic Studies' on page 140 for details.

Degree programmes (with UCAS Codes)

MA History: **V140**

MA Scottish Historical Studies: **V212**

MA History and...

Business Economics with Marketing:
LNVO

Economics: **LV11**

English: **QV31***

European Languages: **V4W2**

European Studies: **RV81***

Geography: **LV71**

International Relations: **LV2C***

Philosophy: **VV15***

Politics: **LV21***

Psychology: **CV81**

MA History with...

French: **V1R1**

German: **V1R2**

Spanish: **V1R4**

MA Scottish Historical Studies with...

French: **V2R1**

German: **V2R2**

Spanish: **V2R4**

The joint Honours courses marked * are also available with French, German or Spanish. Please see our programme webpage for details and UCAS codes.

See **making your application** on page 32.

History/Scottish Historical Studies

Why study history / Scottish historical studies at Dundee?

At Dundee our emphasis is on 'doing history'. Our students use primary sources (original documents) from archives and libraries right from the start. Study trips are also an important part of the degree programme, and visits are organised alongside our award-winning Student History Society. There is a very strong link between research and teaching in the history programme, especially at levels 3 and 4, where staff teach in their areas of expertise. All our lecturers are internationally-recognised experts in their fields, and we are currently rated as the top history department in Scotland for the proportion of world-class and internationally excellent research (in the RAE 2008 national rankings). You will be joining a dynamic and friendly environment, and we offer a broad training which will benefit you in your later career, whatever that might be.

What you'll study

From the very start, you will be analysing various kinds of historical evidence, including written and oral material, maps and visual images. You will benefit from our close links with the University's Archives, Records Management and Museum Services and you will be able to examine many original historical sources first-hand. You will also learn about historical debates and how to form your own judgements about complex problems. As you progress through the different stages of your studies we will help you to master a variety of other key skills, including palaeography (reading old handwriting), database analysis, and team work. We will also assist you in developing your skills in source analysis as you look closely at a wider range of sources used by historians, including correspondence, photographs, feature films, architecture, art and music. In your final year, you will have an opportunity to apply these skills by writing a dissertation on a topic of your own choice.

Our teaching staff are all highly committed to ensuring that you achieve your full potential as a historian.

Employability

A history degree is an extremely valuable qualification. It provides a solid foundation in analytical and communication skills, both highly sought after by employers. The history programme at Dundee is designed to produce confident, intellectually-engaged graduates who can think creatively and independently, ask incisive questions, articulate their ideas, and solve complex problems. Our recent graduates have gone into the media, heritage and archives, teaching, politics, business, finance, the diplomatic service, and many other dynamic high-earning careers.

What did you enjoy most about your course?

“The passion and interaction with the staff at Dundee. In lectures you can see the lecturers' passion for the subjects and it becomes infectious to the class.”

Katie Jowett, graduated with MA History & English in 2014

“The History course was one that really fitted my interests. The length, breadth, depth and diversity of the history being taught was also alluring. Clearly, it was a chance to be stretched and challenged in my way of thinking, through the fresh sea breeze of the centuries blowing through my mind.”

Rory Martin graduated in 2012 with MA History



In the 2014 National Student Survey, 93% of our students said they were satisfied with the quality of the course.

www.dundee.ac.uk/prospectus/history

Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

A total of 6 modules including the core module the Rise of Atlantic Empires, plus one option from:

- > Age of Revolution, c.1750-1850
- > The Globalising World

LEVEL 2

A total of 6 modules, including the core module The Great War: debates and perspectives, plus one or more options from:

- > Scotland and the Wider World
- > America: Land of the Free?

LEVEL 3

A total of 6 modules, including the core module Making History: issues in the Study of the past, plus 3 modules (2 for joint Honours), chosen from:

- > Early American Culture and Society
- > Holland in the Age of Rembrandt
- > Imperial Russia 1700-1917
- > Imperial Spain 1476-1840
- > Interpreting German History, 1814 - 1914
- > Restoration, Revolution, Union and Rebellion: Scotland c.1660- c.1760
- > The Scottish Diaspora, c. 1700-1945
- > Reading 17th century Scotland
- > Society and politics in Italy 1860-1980
- > The Scottish Soldier: Image and Reality c. 1870-1922
- > The Political and Social History of Modern India
- > Contemporary African Politics
- > The Scottish Highlands: clearance, the Land War and the landed classes

LEVEL 4

For single honours History students

- > History Dissertation plus a Special Subject (worth 2 modules), plus one other level 4 history module
- or
- > History Dissertation plus 3 modules
- or
- > a Special Subject (worth 2 modules), plus 2 other modules

Level 4 modules may include:

- > Enlightened Despotism in Europe, c.1763-c.1789
- > Fascist Italy
- > Film and History
- > The British Landed Classes, 1832-1945
- > History of the Book, 1500-1800
- > Crime and Punishment in Britain and Europe, 1750-1900
- > Colonialism, Science and Medicine in Modern India
- > Revolution and Counter-revolution in Ireland, c. 1912-1936
- > Scotland and Europe c.1530-c.1570

Please visit our programme webpage for a full list of Level 3 and 4 modules, Level 4 Special Subjects and the programme content for Scottish Historical Studies.

International Business

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB (H)** in different subjects

GCE A-Level: **BBB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: MA – None, but see entry requirements for other Joint Honours subject. BSc programmes must include economics or mathematics plus accountancy or business studies (AH, A-L, HL).

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA International Business: **N122**

MA International Business with Marketing: **N1N5**

MA International Business and...

Finance: **NN1H**

Environmental Sustainability: **NF17**

International Relations: **NL12**

MA International Business with...

French: **N1RD**

German: **N1RG**

Spanish: **N1RL**

BSc International Business: **N120**

BSc International Business with...

E-commerce: **N1G9**

Marketing: **N1NM**

Financial Management: **N1N3**

French: **N1R1**

German: **N1R2**

Spanish: **N1R4**

See **making your application** on page 34.

Why study at dundee?

We live in a world where economic activity is global in scale. National boundaries now matter very little to decisions about where goods are made and services provided: your PC might be made in Taiwan; when you contact a call centre the person answering your call might be living in India; and when you come to the University of Dundee you will meet staff and students from all over the world.

By studying international business you will understand how this has come about, and what it means for today's business world. You will be fully equipped to develop your own career in this new and challenging work environment.

Dundee offers a flexible Honours programme in international business enabling you to choose a combination of subjects that best suits your aptitudes and aspirations. You can choose to take either an MA if your interests and background lie mainly in the arts and social sciences or a BSc if you want to focus more on management studies or accountancy.

We provide a fresh introduction to international business which is suitable both for those that have studied economics, business management or accountancy before and for those that are new to the subject.

Established exchange programmes also give you the opportunity to complete part of your degree in Europe, Canada or the United States through the Erasmus and Transatlantic Student Exchange Schemes.

Employability

Our degrees have been designed to provide graduates with the skills they need to launch high-flying executive careers. One of our recent graduates, Anthony Brennan, now works for one of Europe's largest training companies. He believes his degree in international business gave him a realistic grounding which prepared him for entry into the business world. Having studied theoretical and real life examples, he is able to apply what he has learned to his daily work, whether that be dealing with private or public companies or government.

Studying for a degree such as international business is a recognised route to a graduate career in business, management, finance and marketing. To help students with their job search, we organise sessions on career prospects where potential employers are invited to talk to students about future opportunities.

Teaching and assessment

We use a range of learning methods at Dundee. In Levels 1 and 2 you will be taught with a combination of lectures and tutorials, supplemented by workshops and computer laboratory sessions. These continue in Levels 3 and 4 but you are also given the opportunity to prepare and deliver presentations, both individually and as a group. You will engage in case studies in which you research a company or topic in which you have an interest.

Coursework, in the form of essays, quizzes and group projects, plays an important role in assessment which, together with examinations, provides the basis for your final grade.

Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

MA International Business

LEVEL 1

- > Global Economic Perspectives
- > Foundations of Economic Analysis
- plus 4 other modules

LEVEL 2

- > Microeconomics
- > Macroeconomics and Economic Statistics
- plus 4 other modules

LEVEL 3

- > Business Economic Analysis
- > Quantitative Methods for Business
- plus 2 modules

LEVEL 4

- > Economics of Globalisation
- > Business Strategy
- plus 2 modules

BSc International Business

LEVEL 1

- > Foundations of Economic Analysis
- > Global Economic Perspectives
- > International Business Environment
- > Business Accounting and Finance for Non-accountants
- plus 2 other modules

LEVEL 2

- > Microeconomics
- > Macroeconomics and Economic Statistics
- > Intermediate Financial Management
- > Management and Concepts in Context
- plus 2 other modules

LEVEL 3

- > Business Economic Analysis
- > Quantitative Methods for Business
- plus 2 modules

LEVEL 4

- > Economics of Globalisation
- > Business Strategy
- plus 2 modules

Specified options

For variants of the international business programme some module options are specified. Please visit the programme webpage for more information.

What our graduates say...

“The best thing about the international business course is the variety of different subjects that you study. You get to experience most aspects of the business world and when you enter into your final years you can specialise in the aspects that you enjoy most.”

Lynsey Merchant, graduated in 2011 with BSc International Business



Entry requirements

4 year Honours - LLB Scots Law/LLB Law (Dual Qualifying)

SQA Higher: **ABBBB** (min) - **AABBB** (typ)
 GCE A-Level: **ABB** (excluding General Studies)
 ILC Higher: **ABBBB**
 IB Diploma: **32** points with 6, 5, 5 at HL

3 year Honours – LLB English Law

SQA Advanced Higher: **AA+AABBB** (H)
 GCE A-Level: **AAB** (excluding General Studies)
 ILC Higher: **AABBBB**
 IB Diploma: **36** points with 6, 6, 5 at HL

Graduate entry accelerated or senior status degrees

Graduates with an appropriate first degree (2.2 Honours degree or Ordinary degree with 60% or higher in all Level 3 modules) can have their period of study reduced to two years.

Essential subjects for all degree programmes:

English at B (Higher, ILC H, HL) or English or a literary subject at B (AS) and mathematics or a science (SG at 2, Nat 5/Int2 at B, GCSE at B, Ord at B, SL at 5). Additionally for Law with Languages, Higher at B or A-L at C in the appropriate language.

Other qualifications

Please see 'Law' on page 136 for details. Law is based on logical thinking therefore applicants are advised to offer a range of literary and logic-based subjects.

Degree programmes (with UCAS Codes)

4 Year Honours degrees

LLB Law (Scots and English) Dual Qualifying: **M190**
 with Oil and Gas Law: **7U8Y**
 LLB Scots Law*: **M114**
 LLB Scots Law with...
 French: **M1R1**
 German: **M1R2**
 Spanish: **M1R4**
 Oil and Gas Law: **4R3W**

3 Year Honours degrees

LLB English Law*: **M111**
 LLB English Law with...
 French: **M1RC**
 German: **M1RF**
 Spanish: **M1RK**
 Oil and Gas Law: **2W1A**

Graduate entry accelerated or senior status degrees (2 years)

LLB English Law: **M101**
 LLB Scots Law: **M104**

Foundation Year in Law and English Language: **3R9C**

*Also available as joint degrees with MA subjects e.g. European studies, history, philosophy or politics.

See **making your application** on page 34.

Law

Why study law at Dundee?

We offer a flexible, forward looking approach to learning and a rigorous preparation for the professional world, whether in the legal sphere or elsewhere.

By offering fully qualifying law degrees for the legal professions either in Scotland or in England and Wales, and Northern Ireland, we attract students from around the UK and the rest of the world. Students graduating with the dual qualifying degree have a choice of jurisdictions where they can study for their postgraduate professional qualification, giving our graduates a significant competitive advantage in the marketplace.

With an annual intake of only 140 we can take a personal and supportive interest in our students. A strong emphasis is placed on the accessibility of our staff and on small group teaching involving our most senior staff.

We have an active mooted society and run a Law Clinic which provides students with practical experience in dealing with clients and real life problems as well as reinforcing links with the profession. The Law Clinic also offers modules for credit.

What you'll study

All of the teaching staff are experts in their respective fields, contributing to Law Society committees, government panels, parliamentary committees, leading texts and are generally involved in the shaping of the law. This expertise is employed in our teaching which is highly rated and award winning.

Our approach is intended to be both innovative and progressive with a changing emphasis as the student advances through the levels of the degree programme:

- In the first two years, teaching consists of a balance between lectures supported by small group teaching in tutorials and independent and group study
- In the latter part of your degree a greater proportion of coursework is conducted independently and classes take the form of seminar discussion
- In the final year of study coursework involves preparation of a dissertation, a substantial work of research on a topic of your choice which can be aligned to your career objectives

The form of assessment varies between modules and includes essays, reports seen and unseen examinations. Moots may be used to assess court room manner and the ability to argue interactively.

Employability

We have close links with employers and we offer several programmes and training sessions to support and develop the employability of our students. Our excellent reputation throughout the profession and close links to employers help Dundee graduates find employment.

We run an annual Law Fair which attracts law firms and employers from around the UK and further afield. Law firms also regularly visit on an individual basis for recruitment purposes. Dundee graduates have reached the highest levels of success in the profession as senior partners, Queen's Counsel, judges and front bench politicians. One of our students took up a traineeship (stage) at the Court of Justice of the European Union upon finishing his undergraduate degree.

For those who do want to enter the Scottish legal profession, our Diploma in Legal Practice (PEAT 1) has an excellent record of graduate employment and is taught by practicing solicitors.

Students applying to the Institute of Professional Legal Studies in Belfast are offered exam preparation for the entrance exam.

While many students study law in order to qualify to practise, the skills acquired in a law degree are also attractive to many prospective employers and the LLB is an ideal basis for a career in professions such as the police, banking, journalism, management and the civil service.



Our new programmes

We are working with our Centre for Energy, Petroleum and Mineral Law and Policy (CEPMLP) to combine strengths and offer three accredited LLB Honours degrees with specialisms in Oil and Gas Law. Please visit the course webpages (www.dundee.ac.uk/prospectus/oil) for more details. The three programmes are:

- LLB (Hons) Scots Law with Oil and Gas Law
- LLB (Hons) English Law with Oil and Gas Law
- LLB (Hons) Law (Scots and English Dual Qualifying) with Oil and Gas Law

Also, for international students whose English qualifications may not quite meet our normal requirements, our one year Certificate of Higher Education (CertHE) Foundation Year in Law and English Language may be the best route. Please see page 132 or visit the course webpage (www.dundee.ac.uk/prospectus/foundationlaw) for more details.

Programme Content

Typical degree programme examples.

4 Year Honours LLB Scots Law / LLB Law (Scots and English) Dual Qualifying degree programmes

LEVEL 1

- > Private Law of Scotland I*
- > Private Law of Scotland II*
- > Scots Criminal Law & Evidence*
- > Foundations of Law*
- > Public Law I – Sources of Power*
- > Public Law II – Controls of Power*

LEVEL 2

- > Scottish Property Law*
- > Public Law III – Rights & Freedoms*
- > Commercial Law*
- > Family Law*
- > Law, Society and Human Rights*
- > Optional module (MA module possible)

LEVEL 3

- > Choice of 4 x 30 credit modules including MA, dual qualifying and oil and gas subjects
or
- > Courses on Erasmus exchange equivalent to 120 credits

LEVEL 4

- > Choice of 3 x 30 credit modules
- > Dissertation (30 credits)*

* Compulsory module

For a list of Honours modules, dual qualifying degree and oil and gas modules, the law with languages and joint degree options and the accelerated degree structure, please visit the programme webpage www.dundee.ac.uk/prospectus/law

What our graduates say

Scott Pike, from Canada graduated from an accelerated LLB in English Law in 2012. He said,

“The School of Law has a great reputation - largely due to the research and expertise of the faculty - which is reflected in the consistently high rankings earned year after year. Much needed perspective and context is garnered from lectures which focus on major problems that we are currently experiencing such as climate change and economic crises. The School makes great strides in bringing the law out of the books and it is a strategy that is both effective and engaging.”

3 Year Honours LLB English Law degree programme

All students on the 3 year Honours LLB English/NI Law degree programme start the programme in the equivalent of Level 2. There is no Level 1 for this programme.

LEVEL 2

- > English Law of Contract*
- > English Law of Tort*
- > English Criminal Law and Evidence*
- > Foundations of Law (Advanced) *
- > Public Law I – Sources of Power (Advanced) *
- > Public Law II – Controls of Power (Advanced) *

LEVEL 3

- > English Law of Equity and Trusts*
 - > English Law of Property*
 - > Public Law III – Rights & Freedoms (Advanced)*
 - > Justice Law and Human Rights
- Students may take an optional module including MA or oil and gas subjects but this is not required

LEVEL 4

- > Dissertation (30 credits)*
- > Choice of 3 x 30 credit modules
or
- Courses on Erasmus exchange equivalent to 60 credits (1 semester) plus 1 x 30 credit module

Mathematics/Mathematical Biology

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Mathematics at B (Higher, A-L, ILC H, HL). Additionally, for Mathematical Biology passes should also include biology or chemistry at B (Higher, A-L, ILC H, HL) and biology and chemistry (SG, Nat 5, Int2, GCSE, Ord, SL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + AB (H)** in different subjects

GCE A-Level: **BBC(min) - ABB(typ)**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics at A (AH, A-L, HL). Additionally, for Mathematical Biology passes should include biology (AH, A-L, HL) and chemistry (SG, Nat5, Int2, GCSE, Ord, SL).

Other qualifications

Please see 'Engineering, Physics and Mathematics' on page 136 for details.

Degree programmes (with UCAS Codes)

BSc Mathematics: **G100**

MMath Mathematics: **G101**

BSc Mathematical Biology: **CG11**

MSci Mathematical Biology: **GC11**

BSc Mathematics and...

Accountancy: **GN14**

Economics: **GL11**

Financial Economics: **GLD1**

Physics: **FG31**

Psychology: **CG81**

MA Mathematics and Business: **LNGO**

Economics with Marketing

MA Mathematics and English: **GQ13**

See **making your application** on page 34.

Professional accreditation

The BSc (Hons) Mathematics and BSc (Hons) Mathematical Biology are certified by the Institute of Mathematics and its Applications (IMA).

Why study mathematics/mathematical biology at Dundee?

The mathematics degree we offer in Dundee is unique in that it combines strong components in both applied and pure mathematics. Our final year courses are directly linked to the research that we do. The end goal of our programme is to be able to use mathematics to solve real world problems, a skill which enhances the employability of our graduates.

We are fortunate in having an excellent international reputation for our research work and we believe this serves our undergraduates well. In the recent Research Excellence Framework 2014, 94% of our research was assessed as internationally excellent or world-leading - the highest in Scotland. Our courses are taught by those who have great enthusiasm for their subject, a dedication to it, and an appreciation of the needs of students. As well as offering degrees in mathematics and mathematical biology, we offer a wide range of joint honours degrees, where mathematics can be combined with a variety of other subjects such as accountancy, economics, English and physics.

What you'll study

Mathematics is taught as a broad-based syllabus at levels 1 to 3. This leads onwards in level 4 (and level 5 for MMath and MSci degrees) to a set of topics inspired by our internationally-rated research strengths in applied mathematics, including numerical analysis, mathematical biology, applied analysis and magnetohydrodynamics. This means that our undergraduate programme is always up-to-date and focused on important and exciting applications of modern mathematics.

The structure of the mathematics degree programmes is flexible, and you may change your programme of study by consulting your adviser of studies after you have sampled work at either level 1 or level 2.

Employability

Mathematics is central to sciences, and to the development of a prosperous, modern society. The demand for people with mathematical qualifications is considerable, and a degree in mathematics is a highly marketable asset. Mathematics graduates are consistently amongst those attracting the highest graduate salaries and can choose from an ever-widening range of careers in research, industry, engineering, commerce, finance and education. Many of our graduates enter the financial sector following career paths in accountancy, banking, the stock market and insurance.

Employers know that mathematics graduates are intelligent, logical problem solvers. With this training behind you, career options become almost limitless.

What is the best thing about your course?

“The best aspect of study at Dundee is the enthusiasm of lecturers. With a small department, communication between lecturers and students is very good.”

Final year student comment from the National Student Survey

What is the best thing about your course?

“The best thing about studying mathematics is that it keeps your options open and enables you to progress into careers in all kinds of fields whether they be science research based or financial positions. The way the maths degree programme works enables you to study not just pure mathematics but to study modules from other Schools such as physics, biology or economics.”

Jonathan Weightman, graduated in 2013 with BSc (Hons) Mathematics



In the 2014 National Student Survey, 96% of our students said they found the course “intellectually stimulating”.

Programme Content

LEVEL 1

- > Mathematics 1A (Algebra and Calculus)
- > Pure Mathematics
- > Mathematics 1B (Algebra and Calculus)
- > Statistics and Probability
- > 2 further level 1 modules

LEVEL 2

- > Mathematics 2A (Algebra and Calculus)
- > Computer Algebra and Dynamical Systems
- > Discrete Mathematics
- > Mathematics 2B (Algebra and Calculus)
- > Statistics 2
- > 1 further level 1 module

LEVEL 3

- > Differential Equations
- > Mathematical Methods
- > Analysis
- > Operational Research
- > Fundamentals of Scientific Computing
- > Complex Analysis
- > Differential Geometry
- > Graph Theory

LEVEL 4

- > Personal Transferable Skills
- > Mathematical Biology I
- > Ordinary Differential Equations and their Approximation
- > Mathematics of Fluids and Plasmas I
- > Personal Project
- > Mathematical Biology II
- > Partial Differential Equations and their Approximations
- > Mathematics of Fluids and Plasmas II

LEVEL 5

This year is only taken by the MMath and MSci Honours students. Students take six of the modules below as well as a project.

- > Dynamical Systems
- > Computational Modelling and Programming
- > Stochastic Processes
- > Inverse Problems
- > Mathematical Oncology
- > Mathematical Ecology
- > Mathematical Physiology
- > Optimization in Finance and Energy
- > Advanced Fluid Dynamics

Mechanical Engineering

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (Higher, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + AB (H)** in different subjects

GCE A-Level: **BBB(min) - AAB(typ)**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics and a science or engineering subject (physics preferred) (AH, A-L, HL).

Other qualifications

Please see 'Engineering, Physics and Mathematics' on page 136 for details.

Degree programmes (with UCAS Codes)

BEng Mechanical Engineering: **H300**

BEng Mechanical Engineering with Renewables: **H301**

See **making your application** on page 34.

Professional accreditation

BEng (Hons) Mechanical Engineering is accredited by the Institution of Mechanical Engineers (IMechE) on behalf of the Engineering Council for the purposes of fully meeting the academic requirement for registration as an Incorporated Engineer and partly meeting the academic requirement for registration as a Chartered Engineer. Accreditation approval of BEng (Hons) Mechanical Engineering with Renewables by the Institution of Mechanical Engineers (IMechE) is pending

Why study mechanical engineering at Dundee?

Our accredited Honours degree courses give students the opportunity to combine core mechanical engineering subjects with modern technology in areas such as materials, manufacturing, robotics, biomedical and renewable energy to create innovative solutions to design and analyse problems. This breadth of knowledge means our graduates are highly sought after in a wide variety of areas including the oil industry, auto engineering, bioengineering and renewable energy.

We believe that students learn best in an application-led teaching experience who are required to put their knowledge to the test by being involved in numerous practical and industrial led projects.

Our students also have the opportunity to participate in exciting competitions which include the Greenpower Corporate Challenge and the IMechE Formula Student competition for racing cars. Both these competitions see the students involved in the complete design and manufacture of racing cars which culminate in an actual race on the Silverstone F1 racing circuit.

What you'll study

The modules are presented at four levels. Modules in Levels 1 and 2 concentrate on essential engineering principles and science, which are common with other engineering courses. More specialised mechanical engineering modules are taught in Levels 3 and 4.

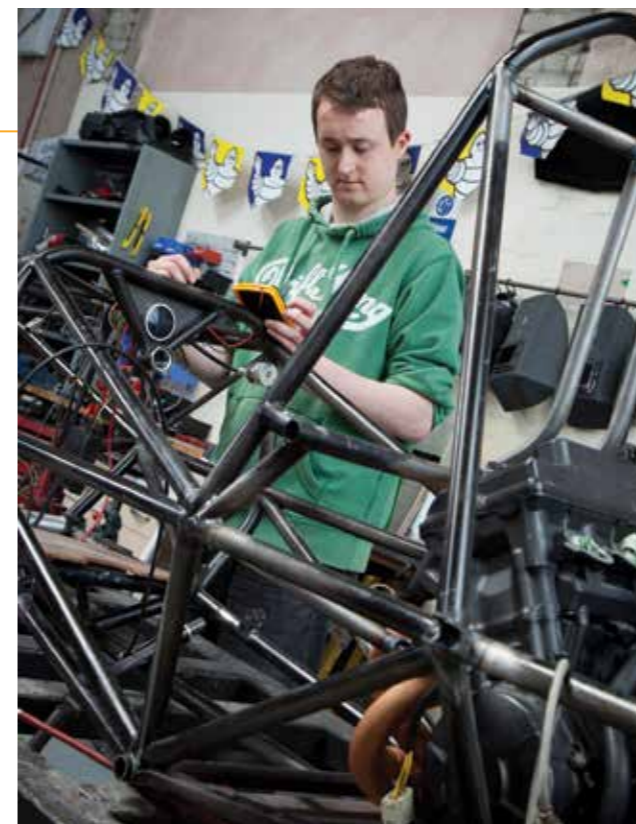
The modules are taught via a balanced arrangement of lectures, tutorials, design assignments and laboratory-based experimentation. Students are given the opportunity to design, manufacture and analyse engineering products using extensive computer-based facilities. Also, students undertake projects both individually and as members of a team working to solve real industrial problems.

Assessment is by a combination of formal examinations, coursework and assignments.

Employability

Generating clean energy to meet current demands is a major challenge for mechanical engineers who aim to improve the effectiveness of traditional energy sources whilst also working towards near zero emissions generation. Alternatively the need for long term, clean, renewable sources of energy is growing rapidly, which require talented engineers to develop them to a stage where they can compete with traditional methods.

Our degrees represent an ideal foundation for this career which offers graduates good salaries and in-house training schemes leading to Chartered (CEng) status. Also, a number of our graduates continue their studies at MSc and PhD levels.



What is the best thing about your course?

“What I found most enjoyable at Dundee was the opportunity to obtain a functional understanding of various engineering principles. Every year of my engineering degree was filled with practical experience, which allowed me to get “hands-on” with the material we were taught. This was particularly true in my final year where I got to work with an incredible supervisor on the design and fabrication of a smart fluid actuator. The staff are incredibly committed people who have always taken the time to help us.”

Adam Englebrecht graduated in 2012 with BEng (Hons) Mechanical Engineering. He is currently studying for a PhD at University of Alberta, Canada.

www.dundee.ac.uk/prospectus/mechanical

Programme Content

Typical degree programme example.

BEng (Hons) Mechanical Engineering / BEng (Hons) Mechanical Engineering with Renewables

LEVEL 1

- > Electromagnetism & Circuits
- > Mechanics
- > Engineering Mathematics 1A
- > Engineering Project 1
- > Engineering Mathematics 1B
- > Engineering Project 2
- > Thermodynamics
- > Waves and Mechanics

LEVEL 2

- > Thermodynamics
- > Fluid Mechanics
- > Mathematics for Engineers
- > Software Applications for Mechanical Eng Design
- > Electronics and Instrumentation
- > Manufacturing project
- > Mechanics of Machines
- > Solid Mechanics

LEVEL 3

- > Mathematics for Engineers II
- > Control and Dynamical Systems
- > Engineering Design
- > Engineering Materials
- > Solid Mechanics

MECHANICAL ENGINEERING	MECHANICAL ENGINEERING WITH RENEWABLES
------------------------	--

- | | |
|----------------------|---------------------|
| > Thermofluids | > Solar Energy |
| > Business Framework | > Power Engineering |

LEVEL 4

- > Computer Aided Engineering
- > Fluid Mechanics
- > Solid Mechanics and Materials
- > Mechanical Engineering Honours Project

MECHANICAL ENGINEERING	MECHANICAL ENGINEERING WITH RENEWABLES
------------------------	--

- | | |
|------------------------------------|------------------------|
| > Robotics and Mechatronics | > Wind & Marine Energy |
| > Control and Dynamical Systems II | > Power Station & Grid |

In the 2014 Student Survey, 100% of our students were satisfied with the quality of the course, ranking us joint 1st in the UK.

Entry requirements

3 year Honours degree:

SQA Advanced Higher: **BBB**

GCE A-Level: **AAB**

IB Diploma: **37** points with 6, 6, 6 at HL

Essential subjects: Biology and chemistry (AH, A-L, HL) plus mathematics and English (SG at 3, Int2/Nat5 at C, GCSE at B, IB SL at 4).

Degree programmes (with UCAS Codes)

BSc Medical Sciences: **B902**

See **making your application** on page 34.

Medical Sciences

Why study medical sciences at Dundee?

In this course you will be taught by scientists, health practitioners and clinicians within the University of Dundee and Ninewells Teaching Hospital. It will equip you for a career in biomedical/medical sciences. This programme is suitable for students who want a course that can prepare them for direct entry to medical school in Dundee or elsewhere.

The BSc (Hons) Medical Sciences is a three year Honours degree programme. Students will be primarily taught in their first year in Life Sciences and in years 2 and 3 in Medicine. Life Sciences has a reputation as one of the most dynamic international centres for molecular cell biology with outstanding laboratory and technology facilities. The medical school has an excellent reputation in teaching (consistently ranked in top 5 UK Medical Schools and placed number 1 in Scotland by the Guardian University Guide 2015). Medicine is located within Ninewells Hospital, the largest teaching hospital in Europe, exposing you to all facets of a potential career in medical/health science.

This programme is aimed at students who want a course that can prepare them for direct entry to medical school at the University of Dundee or elsewhere or those wishing to explore opportunities in the health care sector and postgraduate education.

What you'll study

This face-to-face course is taught through a range of seminars, lectures, essays, assignments, case reports, presentations, laboratory practical, laboratory work and self-directed study.

In year 1 you will study primarily within Life Sciences, learning how a cell is built up, how cells interact, doing practical based work including using pipettes and quality control. You will learn how to design experiments, repeatability, variability, reliability and the robustness of experiments. You will also study translational medicine including where and how discoveries in the laboratory are then implemented at the bedside.

In year 2 you will be taught primarily within Medicine at Ninewells Teaching Hospital. You will study the ways in which basic biology relates to clinical medicine, learn about systems such as cardiovascular systems and will be able to focus on specific topics of interest for example cystic fibrosis and how that relates to basic biology.

In year 3 you will select one of ten subjects and specialize in that subject. Options include Anatomy, Forensic Medicine, Human Reproduction, Teaching in Medicine and more.

Students will be assessed by a variety of teaching methods including online assessments, presentations, essays, assignments, case reports, laboratory work and a research thesis.

Employability

This course will prepare you for a career in the biomedical/medical sciences, pharmaceutical industry, and healthcare management. The programme is not a medical qualification, however it will prepare you for direct entry to medical school at the University of Dundee or elsewhere.



Programme Content

BSc Medical Sciences programme structure.

YEAR 1

- > Evolution of modern life
- > The gene and the cell
- > Biomedical Sciences
- > Biological Sciences
- > Laboratory and Research Skills
- > Translational Medicine

YEAR 2

- > Principles in medicine
- > Cardiovascular system
- > Respiratory system
- > Gastrointestinal system
- > Practical laboratory skills
- > Practical techniques in biomedical sciences
- > Dissertation related to the pathways and challenges of discovering new medicines
- > Student Selected Components (SSCs) - a month long study of a specialized clinical subject e.g. Human Genetics

YEAR 3

You will choose to specialise in one of the following areas. Indicative module content is given for each area:

Anatomy

Modules might include Anatomy of the Individual, Functional Anatomy of Limbs, Vertebral Column, Applied Anatomy Topics, Gross Anatomy.

Applied Orthopaedic Technology

Modules might include Orthopaedic Medicine; Biomechanics; Prosthetics; Materials; Mechanics of Materials; Medical Statistics; Academic Communication; Introduction to Research and Audit Skills, Implant Technology; Mobility Aids; Biomechanics; Prosthetics; Orthotics; Wheelchairs; Medical Statistics; Motion Analysis; Foot Pressure & Gait Analysis; Paper and Poster Presentation.

Cardiovascular and Diabetes

Clinical Research

Modules might include Core Research Skills; Advanced Research Skills; Research project.

Forensic Medicine

Modules might include Forensic Medicine.

Human Genetics and Experimental Medicine

Modules might include Basic Genetic Principles; How Genes Cause Disease; Genetics in Clinical Practice; Genes, Ethics and the Law; Basic Laboratory Skills; Research Project; Clinical Genetics.

Human Reproduction, Assisted Conception and Embryonic Stem Cells

Modules might include Basic clinical and laboratory science in reproductive health; Clinical Issues and Controversies in ART; Research Project; Clinical Research Project;

International Health

Modules might include Core Research Skills; Global Health; Research Project.

Neuropharmacology and Behaviour Information

Modules might include Analgesic and Anaesthetic Pharmacology, Fits Faints Pain and Paralysis, Psychiatric Disorders, Synaptic Plasticity and Cognition.

Teaching in Medicine

Modules might include Research Design; Educational Theory and Practice; Educational Theory & Research Design.

Minimum requirements**MBChB**SQA Higher: **AAABB**GCE A-Level: **AAA** (A2) excluding General StudiesILC Higher: **AAAAAA**IB Diploma: **37** points with 6, 6, 6 at HL

Essential subjects: Chemistry and another science (Higher, A-L, ILC H, HL) and biology (SG at 2, Int2 at C, GCSE at B, Ord at B, SL at 5).

Graduates: An upper second class Honours degree in a science discipline.

Premedical YearSQA Higher: **AAAAB**GCE A-Level: **AAA** (A2)ILC Higher: **AAAAAA**IB Diploma: **37** points with 6, 6, 6 at HL

Essential subjects: including not more than one science (H, A-L, ILC H, HL).

Graduates: An upper second class Honours degree in a non-science discipline.

Premedical Widening Access (WA) YearSQA Higher: **AABBB**

Essential requirements: Local school pupils with evidence of significant adversity.

Degree programmes (with UCAS Codes)MBChB Medicine: **A100**Premedical Year Entry or WA Entry: **A104****Who should apply?**

- Students who excelled at school and are committed to medicine.
- Graduates and mature students are welcome to apply.
- Those demonstrating other interests or additional 'capacity' such as good personal organisation and motivation.
- Those with appropriate interpersonal skills and attitudes for medicine.

See **making your application** on page 34 and please visit our programme webpage for specific details on applying to medicine.

Professional accreditation

This programme is fully accredited by the professional governing body for medicine in the UK, the General Medical Council (GMC).

Medicine

Why study medicine at Dundee?

Dundee is an international centre of excellence in medical education and consistently features at or near the top of UK student surveys and league tables. We are typically rated top in the UK for preparedness to practice. Early clinical exposure and innovative learning approaches mean Dundee is a very stimulating and enjoyable place to gain a high quality medical degree.

We are also a centre of research excellence and an innovative 'Dundee Academic Track' program ensures you have opportunities to get involved as well as be up to date with the latest discoveries.

You will be part of a team providing healthcare to Tayside, Fife, and beyond, and have access to a wide range of excellent new facilities. You will develop skills in our state-of-the-art clinical skills centre and utilise internationally recognised e-learning along with access to both hospital and community clinical experience right experience from the outset.

What you'll study

Dundee offers an 8 week Principles course creating the basic science foundation before moving onto 2 years of Systems teaching (e.g. cardiovascular). Each includes relevant biomedical sciences, anatomy, clinical skills etc. taught in parallel. Over 100 core clinical problems, ward and community teaching then help you integrate science, skills and professional components. In years 4 and 5 you develop these within many specialities including Acute Care and General Practice.

Additional elements include a transition block bridging years 3-4, foundation doctor shadowing and many student selected components allowing you to choose topics or specialties of interest. You also experience medicine in an international setting through our elective program.

Employability

All medical graduates are able to enter the two-year UK Foundation Program, which is currently a requirement for Full GMC registration. Dundee graduates have an excellent reputation, are very successful at getting the posts they request and consistently rank their training very highly in terms of their preparedness for junior hospital posts.

You may also add an Intercalated BMSc. year and Dundee offers graduate entrants the chance to study for a Master's degree alongside your MBChB. Both routes put you in a great position to enter academic training programs if you wish to pursue a career in this branch of medicine.

What our students say...

“ In my opinion, the best thing about studying medicine at the University of Dundee is the patient contact that we get and how we are given a lot of responsibility at the very beginning of first year. Being able to study something where you can make a difference to somebody's life is amazing. Having the opportunity to speak to patients as well as use your clinical and scientific knowledge in a challenging environment makes medicine a thoroughly enjoyable and stimulating course. ”

**Programme Content**

The programme is in two phases; Systems in Practice and Preparation for Practice.

SYSTEMS IN PRACTICE, YEARS 1-3

In the first 3 years of the MBChB course, following an introductory block which introduces the curriculum outcomes and the key principles (anatomical, biomedical, disease mechanisms, psychosocial and safe medical practice) on which your medical knowledge is founded, you will undertake a body systems based programme. Normal and abnormal structure, function and behaviour in relation to clinical medicine are studied systematically in modules (e.g. cardiovascular, respiratory and gastrointestinal systems). Use of core clinical problems allows a problem-orientated approach to learning in parallel with lectures, tutorials and systematic training in relevant clinical skills. Learning is integrated and vocational skills are developed through additional experiences on wards and in primary care from the start of year 1.

The systems programme is integrated so you will learn about the basic science and clinical aspects at the same time as you progress. Basic science, including anatomy by dissection, is taught in all body systems with periods of time to allow you to consolidate your learning in each semester. A 6 week generic skills module between Years 3 and 4 will prepare you for your studies on clinical attachments in years 4&5. Student Selected Components (SSCs) are undertaken in all 3 years of Systems in Practice.

Intercalated BMSc

You will have the option of undertaking a one year BMSc degree to study a topic in more depth usually between years 3&4.

Courses are currently available in a wide range of areas including anatomy, biochemistry, pharmacology, physiology, international health and medical education.

PREPARATION FOR PRACTICE, YEARS 4-5

In years 4 & 5 you will be able to apply the skills and knowledge acquired in the earlier years in a variety of clinical settings in hospital (e.g. medical, surgical, obstetric, child health, and psychiatric services) and in general practice. Study guides on the core clinical problems support the tasks required to demonstrate you have achieved the curriculum outcomes and to prepare you for clinical practice as a competent and reflective Foundation doctor.

Year 4 consists of an 8 week transition period and ten 4 week clinical attachments.

Year 5 includes medical and surgical foundation apprenticeships, GP and Acute Care blocks plus Student Selected Components, which include a six week elective that allows you to study medicine at a centre of your choice. The final year also has other student selected options so you can spend additional time in a clinical discipline of your choice, perhaps to enhance experience or if you are considering career options, and may include extended GP placements, or other specialist units within the UK or even some extended overseas elective attachments.

Further details are available on the Medical School website at www.dundee.ac.uk/prospectus/mbchb

For specific details about applying to medicine, please visit the programme webpage: www.dundee.ac.uk/prospectus/medicine

We were ranked 1st in Scotland and 5th in the UK by the Guardian University Guide 2015.

Minimum requirements

SQA Higher: **CCC** + 2SG/Nat 5
 GCE A-Level: **CC** + 3 GCSE
 ILC Higher: **CCC** + 3 Ord
 IB Diploma: **24** points with 4, 4 at HL

Essential subjects: English and mathematics at least to SG at 3, Nat 5/Int2 at C, GCSE at C, ILC Ord at C, IB SL at 4. Combinations of H/SG, A-/GCSE or ILC H/Ord must be in 5 different subjects (6 different subjects for ILC H/Ord).

Satisfactory reference, interview performance, health screening and criminal record search are part of the selection process for all courses.

Other qualifications

Please see 'Nursing' on page 136 for details.

Pre-registration programmes
(with UCAS Codes)

BSc Adult Nursing: **B740**
 BSc Child Nursing: **B730**
 BSc Mental Health Nursing: **B760**

See **making your application** on page 34 and please refer to our programme webpage for further information.

Professional accreditation

All programmes lead to registration as a nurse with the Nursing and Midwifery Council (NMC).

Nursing

Why study nursing at Dundee?

Nursing students come from a wide range of backgrounds and join a large international campus with a reputation for good student facilities and social life. Our programmes reflect the ever-changing face of health care in Scotland and address the political and ethical aspects of health care provision.

Students receive excellent teaching, gain experience in the clinical skills centres and participate in inter-professional learning with medical students.

The mental health programme prepares nurses to meet the unique and individual needs of clients and carers from childhood to old age. Students gain an understanding of the complex and fascinating field of mental health and the management of mental health loss.

Children's nurses work in partnership with the child and family and other members of the inter-professional team within both the hospital and community setting. You will develop the knowledge and skills to care for the well child to the critically ill child. Theory will cover a range of topics such as anatomy and physiology, safe and effective care, long-term conditions and clinical skills.

The adult programme is exciting and innovative and prepares you to care for adults within the National Health Service and the independent sector. Adult nursing is just as much about promoting wellness and health as it is about responding to poor health and illness.

What you'll study

The diverse range of practice placements offers students opportunities to engage with the patient journey across the boundaries of hospital and community settings, from inner city to remote and rural locations. During practice placements, students are mentored by a registered nurse. Additionally students will experience working alongside colleagues from other health and social care disciplines, such as medicine, physiotherapy, occupational therapy and social work.

The undergraduate degree programme is three years long and modular in structure. Each year consists of 45 weeks, divided equally between university study and clinical practice.

Mental health nursing

Mental health nurses work with individuals and their families across a wide range of settings in both community and in-patient services. They also work as part of a multi-professional team and in partnership with diverse client groups and their carers.

You will learn about a variety of mental health conditions, including: drug and alcohol abuse, schizophrenia, the dementias, depression, eating disorders, personality disorders, and child and adolescent mental health problems. Practice placements reflect the diversity of taught subjects, and students will spend half of their time practising in community settings, day units, in-patient services, and specialist settings such as forensic and child and family services.

At the centre of the mental health nursing programme is the promotion of compassionate and person-centred nursing care. We offer a curriculum which recognises that mental health nursing is neither solely a science nor an art, but a creative combination of both. The programme focuses on the therapeutic relationship between the nurse and the client and the skills required for evidence-based practice.

Children's and young people's nursing

Child nursing is concerned with the needs of children and young people through health to ill-health. Pivotal to our philosophy is the notion of family centred care. We recognise our responsibility to work in equal partnership with parents and carers. Our programme also promotes the 'caring aspect' of children's nursing. We recognise that 'caring' has the capacity to improve the social, mental and physical well-being of children and their families.

The child nursing programme provides an educational experience that concentrates on developing the professional skills, knowledge and attitudes required by nurses to deliver a child and family-centred service tailored to the unique needs of each child. The programme promotes scholarship and reflected practice with students encouraged to develop responsibility for their student journey from novice to graduate nurse. A variety of learning, teaching and assessment methods will be utilised to create developmental learning opportunities for all students.

**Adult nursing**

The adult programme adopts an integrated holistic approach, reflecting the shifting balance of care from hospital to primary care settings. Nurses are required to understand public health principles, priorities and practice so as to recognise and respond to the major causes and social determinants of health, illness and inequalities.

Registration as a nurse in the UK can also lead to working as a nurse overseas. Adult nursing is just as much about promoting wellness and health as it is about responding to the challenge of poor health and illness.

Nursing practice must be underpinned by genuine, compassionate and caring partnerships with service-users and the wider care team. It must be based on sound evidence and delivered competently and effectively within a care placements environment which often can be busy and challenging. The adult programme has been developed with the aim of equipping students with the flexibility, sensitivity and proficiency to provide high quality nursing care in response to a rapidly changing world both within health care provision and in the wider society.

Employability

Nursing graduates have excellent employment prospects, both in the NHS and with private and independent providers of health care.

Nurses work in hospitals, in the community, in workplaces and in a variety of settings. Nursing also takes place in settings as diverse as the inner city or in remote and rural environments.

Programme Content

Typical degree programme example.

Mental health nursing**YEAR 1**

- > Nature of nursing 1
- > Physical health & wellbeing
- > Mental health & wellbeing
- > Skills & practice 1
- > Fundamentals of Mental health nursing

YEAR 2

- > Skills & practice
- > Nature of nursing 2
- > Psychosocial theories and therapeutic approaches
- > Neurobiological theories and therapeutic approaches
- > Promoting holism and diversity

YEAR 3

- > Exploring complexity
- > Nature of nursing 3
- > Developing autonomy and independent practice
- > Skills & practice 3

What our students say...

“The lecturers are passionate about their subjects, which creates a very positive learning environment. They all reflect back on their own time in practice, recalling befitting stories which helps reinforce learning.”

“Being able to relate theory into practice placements and having the opportunity to spend time learning from clients in placements has been valuable.”

Final year student comments

In the 2014 National Student Survey, 100% of our child nursing and 90% of our mental health nursing students were satisfied with the quality of the course.

Child nursing**YEAR 1**

- > Nature of nursing 1
- > Physical health & wellbeing
- > Mental health & wellbeing
- > Skills & practice 1
- > Physical & psychological development of children

YEAR 2

- > Skills & practice 2
- > The Nursing of Children and Young People in Healthcare Nature of nursing 2 Concepts, Principles and Practice in Children's Nursing Structured assessment

YEAR 3

- > Evaluating evidence-based practice
- > Nature of nursing 3
- > Working in a modern NHS
- > Skills & practice 3

Adult nursing**YEAR 1**

- > Nature of nursing 1
- > Physical health & wellbeing
- > Mental health & wellbeing
- > Skills & practice 1
- > Introduction to the care continuum

YEAR 2

- > Skills & practice 2
- > Developing the care continuum 1
- > Nature of nursing 2
- > Developing the care continuum 2
- > Developing the care continuum 3

YEAR 3

- > Managing complex conditions 1
- > Nature of nursing 3
- > Managing complex conditions 2
- > Skills & practice 3

Entry requirementsSQA Higher: **ABBB**GCE A-Level: **BBB**ILC Higher: **ABBB**IB Diploma: **30** points with 5, 5, 5 at HL**Essential subjects:** Biology (H, A-L, ILC H, HL) and chemistry (SG, Nat 5, Int2, GCSE, Ord, SL).**Other qualifications**

These are considered on an individual basis.

Degree programme (with UCAS Code)BSc Oral Health Sciences: **B750**

(3 years without Honours)

See **making your application** on page 34.**Professional accreditation**

This programme has full approval from the professional governing body for dentistry in the UK, the General Dental Council (GDC).

Oral Health Sciences

Why study oral health sciences at Dundee?

Graduates of the BSc in Oral Health Sciences are qualified to work as dental hygienists and therapists. As part of the dental team dental therapists help patients develop and maintain good oral health. You will develop the skills required to restore teeth and, for child patients, carry out extractions, pulp therapy and stainless steel crowns. The treatment of periodontal disease is also a major component of therapists' work. Their preventive role includes giving advice on diet, oral hygiene and smoking cessation. In addition therapists take, develop and interpret radiographs and take dental impressions. Their role requires an understanding of the whole body, knowledge of the mouth and an appreciation of social influences as well as precise manual skills.

There is an annual intake of approximately 10 BSc and 65 BDS (dental) students with whom many of the teaching and learning experiences are shared.

What you'll study

The curriculum for BSc Oral Health Sciences follows the curricula frameworks for dental hygienists and dental therapists published by the General Dental Council (www.gdc-uk.org).

The programme consists of a three-year curriculum of 32 weeks at Level 1, 35 weeks at Level 2 and 35 weeks at Level 3. This is longer than normal University semesters.

At **Level 1** you will study the biomedical sciences (anatomy, physiology, embryology, genetics, pathology, histology and biochemistry) and learn about the oral cavity in oral biology. Manual skills are also developed and you will start to treat patients in the second semester. The types of treatments carried out at this stage will include giving oral health advice, measuring the oral condition and carrying out periodontal (gum) treatment. Teaching about plaque-related diseases (dental caries, gingivitis, microbiology and periodontitis) and law and ethics provides you with the requisite knowledge to support the clinical care of your patients.

Level 2 sees the introduction of additional clinical skills and you start treating patients for restorative procedures such as dental fillings. The modules underpinning the acquisition of these additional clinical skills and responsibilities include Human Disease (medicine and surgery) and Behavioural Sciences. Dental Radiology and Radiography are also taught to allow you to take and develop dental radiographs (x-rays).

At **Level 3**, you continue with clinical work both within the Dental Hospital and in community outreach clinics. The outreach clinics give you exposure to different population groups. Treatment will include the provision of dental care for children and special needs groups. The associated modules are The Therapist and the Community (looking at care at a population level) and the Developing Dentition.

Employability

Once qualified you may choose to work in general dental practice (NHS and private), the public dental service, hospital practice, the armed services or in industry. There is a vocational training scheme in Scotland for newly qualified dental therapists. Current employment levels are very high (100%) and remuneration is good.

This is the first university dental hygiene and dental therapy qualification to be offered in Scotland. The course has full approval from the General Dental Council.


www.dundee.ac.uk/prospectus/oralhealth
Programme Content**LEVEL 1**

- > Foundation
- > Biomedical Sciences & Oral Biology
- > Restorative 1
- > Plaque-related Diseases
- > Clinical Practice 1

LEVEL 2

- > Human Disease
- > Restorative 2
- > Imaging
- > Behavioural Sciences
- > Clinical Practice 2

LEVEL 3

- > Clinical Practice 3
- > The Developing Dentition
- > The Therapist and the Community



Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB (H)** in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Philosophy: **V500**

MA European Philosophy: **V501**

MA European Philosophy with...

French: **VR51**

German: **VR52**

Spanish: **VR54**

MA Philosophy and...

English: **QV35***

European Languages: **V8U9**

European Studies: **RV85***

Film: **VP53**

History: **VV15***

International Relations: **VL5G***

Politics: **LV25***

Psychology: **CV85**

MA Philosophy with...

French: **V5R1**

German: **V5R2**

Spanish: **V5R4**

The joint Honours courses marked * are also available with French, German or Spanish. Please see our programme webpage for details and UCAS codes.

See **making your application** on page 34.

Philosophy

Why study philosophy at Dundee?

Philosophy involves being open to new and different responses to familiar and unfamiliar questions. If you ever find yourself thinking about big questions beyond everyday experience - questions that may never have a single, final answer - then you would probably enjoy studying philosophy.

Dundee is unique in Scotland in specialising in continental philosophy. This means we teach philosophy primarily through reading and discussing key texts from the European tradition, including some of the most exciting thinkers of the last century: Nietzsche, Sartre, Foucault, Deleuze, and de Beauvoir, for example.

We explore how philosophy is important to real-world concerns and contemporary issues by:

- drawing on films and artworks in our lectures
- discussing important scientific developments
- debating controversial ethical issues
- looking at how texts written three hundred years ago can be relevant to political situations today.

You will be encouraged to make links between philosophy and other subjects, such as politics, literature, film, the environment, psychology, and computer science.

What you'll study

At Level 1, you will study Plato and Descartes, as well as a variety of thinkers on the good life and the nature of reality.

At Level 2 you will study existentialist philosophers such as Sartre and Camus in relation to contemporary culture, technology, and film, and topics in aesthetics and the philosophy of art. You can then specialise in Levels 3 and 4 through taking different options including modules on technology, the self, art and religion.

You will have the opportunity to study with experts in these fields and to work with them on major philosophers such as Plato, Nietzsche, Heidegger, Ricoeur, Lyotard, Badiou and Deleuze.

Employability

A philosophy degree provides you with intellectual and perceptual skills which are an advantage in the pursuit of any professional career.

Studying philosophy will allow you to:

- Identify and explain the underlying issues in all kinds of debate
- Read closely and identify arguments from a variety of sources and traditions
- Offer clear and rigorous critical responses to arguments
- Summarise and assess points of view which are not your own
- Learn the self-discipline required for independent research.

As well as continuing to postgraduate study, recent graduates have gone on to work in publishing, social work, education, librarianship, the music industry, local councils and the civil service.



What our students say...

“ Studying philosophy at Dundee has been a very rewarding experience for me, as I followed a programme of study that covered many of the central thinkers of Western thought. As I progressed in my course, the philosophy became more challenging, but the staff are always pleased to explain concepts clearly and thoroughly, and to show the relevance of what we were studying not only to philosophy, but also to other disciplines and to modern life in general. ”

4th year student, MA (Hons) Philosophy

www.dundee.ac.uk/prospectus/philosophy

Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

A total of 6 modules, including at least one of:

- > Plato and the Good Life
- > Descartes, Thought and Reality

LEVEL 2

A total of 6 modules, including at least one of:

- > Existential Themes in Technology, Culture and Film
- > Aesthetics

LEVEL 3

A total of 4 modules (2 modules for joint Honours)

A selection of the following modules will be available in any one year:

- > Art + Philosophy Now
- > Philosophy of Work
- > Philosophy of Religion
- > Philosophy of the Self
- > Understanding Media: The Philosophy of Technology
- > The Question of Vision in Art and Philosophy

LEVEL 4

A total of 4 modules (2 modules for joint Honours)

A selection of the following modules will be available in any one year:

- > Dissertation (compulsory for single Honours students)
- > Gilles Deleuze's *Difference and Repetition*
- > Marx's *Capital*
- > Nietzsche's *Beyond Good and Evil*
- > Projects on the Philosophy of Time
- > Wittgenstein
- > Understanding, Dialogue and Interpretation
- > Cyberphilosophy: The Philosophy of Information

Note: For details of Film Studies modules (for MA Philosophy and Film) please see English/Film Studies on page 84.

In the 2014 National Student Survey, 100% of our students were satisfied with the quality of their course, ranking us joint 1st in the UK.

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: BSc **BCC(min) - BBB(typ)**
MSci **ABB**

ILC Higher: **AABB**

IB Diploma: BSc **30** points with 5, 5, 5 at HL
MSci **32** points with 6, 5, 5 at HL

Essential subjects: Mathematics and physics or an engineering subject (H, A-L, ILC H, HL). Mathematics and physics required for MSci.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + AB (H)** in different subjects

GCE A-Level: **BBB(min) - AAB(typ)**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Mathematics and physics (AH, A-L, HL).

Other qualifications

Please see 'Engineering, Physics and Mathematics' on page 136 for details.

Degree programmes (with UCAS Codes)

MSci Physics: **F303**

BSc Physics: **F300**

BSc Physics and Mathematics: **FG31**

BSc Physics with Renewable Energy Science: **FH32**

MSci Physics with Renewable Energy Science: **FH3F**

See also degrees in:

BEng Electronic Engineering and Physics (page 84)

See **making your application** on page 34.

Professional accreditation

Our degrees are accredited by the Institute of Physics.

Physics

Why study physics at Dundee?

If you think that Physics can be about much more than the Higgs Boson and the Large Hadron Collider then Dundee is the place for you – our focus is on the applications of physics in a wide range of cross disciplinary areas, with our staff carrying out research in biophysics, in medicine, advanced materials and photonics. They also help understand how extra-solar planets form, and if the LHC is really your thing they help build optical diagnostic devices for CERN.

Our courses are fully accredited by the Institute of Physics and that means that they offer the core of physics that all students are expected to study – from classical to quantum mechanics, extended by our mix of contemporary cross disciplinary research interests.

One significant advantage of studying at Dundee is that we are quite a small department, which means strong staff-student relationships and a superb environment for learning. Another advantage is that our students are able to undertake research projects in year 1: a fast-track route to applying the knowledge and skills that we will teach you.

What you'll study

Physics at Dundee is comfortably small and friendly with a relaxed atmosphere. Our formal teaching methods involve a combination of traditional lectures and tutorials, together with new and innovative multi-media based activities and practical laboratory sessions. All students are given 'professional skills' training that will set you up for a career – you will learn physical modelling and IT skills, problem solving techniques, report writing, data analysis and how to give presentations.

The Dundee physics degree is structured around an essential core of material that seeks to establish firm foundations in the subject. Here, you will meet subjects such as relativity, mechanics, electromagnetism, and quantum mechanics, before moving on to the exciting areas of particle physics, biophysics, environmental physics and photonics. We will also develop your programming skills via modules in computational physics. Several of our modules are taught by staff who are internationally known as authorities in their respective research fields, and our emphasis is on research-led teaching at Honours levels.

Employability

The prospects for physics graduates are excellent. One of our key goals is to develop you not only as a physicist but as a graduate with strong transferrable skills – training is offered in writing, public speaking and in computational and problem solving skills.

These, coupled with the analytical skills that you will have gained, together with practical experience on state-of-the-art instrumentation, allows entry to a diverse spectrum of job possibilities. We work closely with our Careers Service to make students aware of the opportunities that are available to them and to highlight what employers are looking for in new graduates. Our graduates have good employment rates, with 90% in work or study six months after graduation.



What is the best thing about your course?

“The physics department in Dundee offers something very special and unique amongst its peers in Scotland with its degree programme. The combination of small class sizes and lectures that are delivered by top researchers in a wide range of fields creates strong working relationships between students and lecturers alike, as well as a solid understanding of physics by ensuring that no student gets lost in the crowd. I can think of no better environment for studying physics.”

Adam Forrest, graduated in 2013 with BSc (Hons) Physics

www.dundee.ac.uk/prospectus/physics

Programme Content

Typical degree programme example.

LEVEL 1

- > Mechanics
- > Electricity and Circuits
- > Light, Waves and Matter
- > Astronomical Phenomena
- > Professional Physics (experimental, writing, data analysis and computer modelling)
- > Mathematics

LEVEL 2

- > Electromagnetism and Light
- > Classical and Quantum Properties of Matter
- > Electronics and Instrumentation
- > Applied Mathematics and Optics
- > Programming (Students will learn C++ and Matlab related to physical science problem solving)
- > Mathematics

LEVEL 3

- > Electromagnetism
- > Quantum Mechanics
- > Mathematical Methods
- > Atomic Physics
- > Condensed Matter Physics
- > Thermal Physics
- > Computational Physics
- > Physics Lab and Transferable Skills (over both semesters)

LEVEL 4

- > Physics Research Project (over both semesters)
- > Thermal Physics
- > Optics and Photonics
- > Nuclear and Particle Physics
- > Classical Mechanics and Relativity
- > Environmental Physics, Biophysics, Wind and Marine Energy, Nuclear Energy, Statistical Mechanics, and Advanced Condensed Matter
- > Physics

LEVEL 5 (MSci ONLY)

- > Physics Research Project (both semesters)
- > Independent Study Module
- > Advanced Electromagnetism, Quantum Mechanics, Optics and Photonics, Computational Physics and Biophysics

Please visit our programme webpage for notes on programme progression.

Politics & International Relations

www.dundee.ac.uk/prospectus/politics

Entry requirements

SQA Higher: **BBBB(min) - AABB(typ)**

GCE A-Level: **BCC(min) - BBB(typ)**

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB (H)** in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: None, but see entry requirements for other joint Honours subject.

Other qualifications

Please see 'Humanities/Economic Studies' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Politics: **L200†**

MA International Relations and Politics: **L250***

MA European Politics: **L245†**

MA Geopolitics: **L246**

MA Politics and...

Business Economics and Marketing: **LONO**

Economics: **LL12**

English: **LQ23***

European Languages: **L2Q9***

Geography: **LL72**

History: **LV21***

Philosophy: **LV25***

Psychology: **CL82**

MA International Relations and...

Economics: **LLD2**

European Languages: **L3T6**

European Studies: **LR28***

History: **LV2C***

Philosophy: **VL5G***

† Also available with French, German or Spanish please visit our programme webpage for UCAS codes.

The joint Honours courses marked * are also available with French, German or Spanish. Please see our programme webpage for details and UCAS codes.

See **making your application** on page 34.



Why study politics or international relations at Dundee?

At Dundee we have a particular focus on European politics and, more generally, on the politics of security. However, the modules we offer cross the entire range of politics and international relations as a field of study. We regularly host speakers from the world of Scottish, British and international politics, including MPs and MSPs, American Foreign Service Officers and Government Ambassadors. Additionally, where possible, we encourage and assist students who wish to take up internships with the Scottish Parliament and Government and other bodies.

We believe strongly in integrating our ground breaking research with our teaching, and in areas such as Russian politics, politics of the Middle East or international security you will benefit from being taught by a leading expert and author in that field.

While politics at Dundee is big enough to have a real international presence, it is still small and intimate enough to offer a friendly and responsive home for students from all backgrounds. This is more than a mere claim - independent surveys consistently rate politics at Dundee as among the best-received programmes in the country.

What you'll study

In Level 1 you will take modules which focus on areas such as 'policy' and 'ideology'. This prepares you for the more specialised offerings on International Relations and Comparative Politics in Level 2. Later, in Levels 3 and 4 you will take more specialist modules (selected according to your particular degree pathway). These cover the territorial politics of the world, issues of peace and war and of crime and terrorism as well as the 'politics of the personal' in the sense of identity.

Teaching on politics modules at Dundee usually takes the form of lectures and seminars (sometimes called tutorials). Your performance on modules is assessed by a wide variety of means such as formal exams and prepared essays. Additionally, seminar presentations may be marked and included in the overall assessment. As a general principle, modules will involve a mixture of assessment techniques in order to achieve an all-round picture of your abilities and to give you a chance to shine in the type of test that suits you best.

Employability

Politics graduates from Dundee score highly in surveys of graduate employment. While you may not become a politician (though many of our students over the years have: as MPs, MSPs and MEPs), your degree will open up a range of opportunities in both the private and public services. In other words, the skills - personal, verbal and written - that you will acquire in your politics programme can be easily transferred to many walks of life. We have produced leading journalists, aides to First Ministers, civil servants, financiers, diplomats - and even the occasional secret agent!

What's so good about politics and international relations at Dundee?

Dean Ross is currently in Level 2 of MA (Hons) European Politics. He says,

“ I enjoyed my course because the tutors were friendly, and you could really relate to them. It was easy to ask questions and receive genuine answers. Also, the lecturers were great at grabbing attention and the course had intriguing information. ”

What our graduates are doing

Natalie Coupar graduated in MA (Hons) Politics and History in 2010 and was the Vice President Communications for the Dundee University Students' Association (DUSA). During her time at Dundee she was Editor of the student magazine, The Magdalen, and won Journalist of the Year in 2008. She says,

“ My best learning experience was my dissertation. Never in my life have I been so passionate about a topic. It was great to have such an opportunity to research into something at such a deep level. I think my tutor got sick of the sight of me! ”

In the 2014 National Student Survey 93% of our students said they were satisfied with the quality of the course, ranking us 2nd in Scotland.

Programme Content

Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

A total of 6 modules, including:

- > Politics and Policy (compulsory) and 5 other modules which might include:
- > The Globalising World
- > Introduction to Political Ideologies

LEVEL 2

A total of 6 modules, including:

- > Comparative Politics (compulsory)
- > International Relations (compulsory)
- > The Globalising World

LEVEL 3

A total of 4 modules (2 modules for joint Honours), including:

- > Theorising Politics (compulsory for single Honours Politics and joint Honours Politics and International Relations) and other modules chosen from:
 - > Collapse of the Soviet Union
 - > Contemporary Politics in Ireland
 - > Contemporary African Politics
 - > European Union Politics and Simulation
 - > The Politics of Transatlantic Relations
 - > Governing the USA
 - > The Cold War
 - > America in the Sixties
 - > Ulysses' Voyaging: Classical Pagan Backgrounds to English Literature
 - > The Word Made Flesh: Biblical Influences in English Literature
 - > The African Novel
 - > Staging Cultures: Elizabethan, Jacobean and Caroline Theatre
 - > Applying Modern Literary Theory

LEVEL 4

A total of 4 modules (2 modules for joint Honours), including:

- > Dissertation (compulsory for single Honours) and other modules chosen from:
 - > Gender, Power and Sexuality
 - > International Peacekeeping
 - > Russian Politics in Transition
 - > US Foreign Policy since 1945
 - > The Global Politics of Illegal Drugs
 - > Surveillance in a Post 9/11 World
 - > Modern South Africa
 - > Politics of the Middle East
 - > Studying Human Rights
 - > The EU and Security
 - > Shakespearean Stars: The Early Modern Corpus on Screen
 - > Film Authorship in the Studio Era

*Not all modules are available every year
For details of the programme content for degrees in International Relations and Politics, Geopolitics and European Politics, please visit our programme webpage.

What's so good about politics & international relations at Dundee?

Dean Ross is currently in Level 2 of MA (Hons) European Politics. He says,

“ I enjoyed my course because the tutors were friendly, and you could really relate to them. It was easy to ask questions and receive genuine answers. Also, the lecturers were great at grabbing attention and the course had intriguing information. ”

Product Design

Entry requirements

SQA Higher: **BBCC**(min) - **BBBB**(typ)

GCE A-Level: **CCC**(min) - **BCC**(typ)

ILC Higher: **BBBB**

IB Diploma: **30** points

Essential subjects: One or more from art & design (or other creative subject); product design; an appropriate technical subject (eg computing, information systems) plus an appropriate literate subject (H, A-L, ILC H, HL).

Advanced entry (to Level 2)

SQA Advanced Higher: **BB** (AH) + **BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: One or more from art & design (or other creative subject); product design; an appropriate technical subject (eg computing, information systems) plus an appropriate literate subject (AH, A-L, HL).

Selection notes

We are keen to see examples of creative work (digital, photographic, product, hand made, hand-drawn etc).

Applicants will be invited to attend an interview and visit the studios.

Other qualifications

Please see 'Art and Design' on page 134.

Degree programme (with UCAS Code)

BSc Product Design: **W240**

See **making your application** on page 34.

Why study product design at Dundee?

We are an award winning product design programme with success in a number of national and international competitions and expeditions – from D&AD global student awards, to exhibition success at New Designers and Tent London, and to industry awards from NCR and Microsoft.

In addition to project-based studio activity, we will give you the opportunity to witness design as practiced in industry in the form of lectures, field trips and company visits. We also run a number of projects where the brief is set by industry. In order to deepen your understanding of design in practice we encourage and help you to find summer placements with companies.

Product design at Dundee will train you to design products that work - products people can get their hands on, play with, admire, tell people about and ultimately want as their own. Our aim is to develop designers who can explore existing and emerging technologies in a playful way and use them as a creative medium throughout the design process. We don't think that it is all about products that work though, our students are taught how to find out what people want, to understand their needs and to design products for them. We are particularly interested in exploring the roles that digital technology plays in people's everyday lives.

In our studios we will work with you so that you can become part of the next generation of leading edge designers that are comfortable programming electronics, talking to people, making models or rendering in CAD. It is not about presenting ideas of what a product might be, or building a technical prototype of how a product might work – we will help you to develop the skills to respond to people's needs and design products that work.

Through our Erasmus exchange programme our students are also able to study abroad with partner universities for either one or two semesters. We also take overseas students from partner universities into our course for the same period. This has proved to be hugely successful with students studying in Italy, Spain and Canada.

What you'll study

Key to the philosophy of BSc (Hons) Product Design is an interdisciplinary approach to teaching and learning. This means that students are taught modules in both design and technology subjects. You will have technology lectures and labs alongside design lectures and product design studio classes. Staff on the course work closely with you to help you use a range of acquired skills through a carefully tailored programme of product design projects. In Levels 3 and 4 you can tailor your individual learning programme through a suite of elective modules. The course aims to give you the space to be trained but importantly to build the kind of strong product design portfolio that employers are looking for.

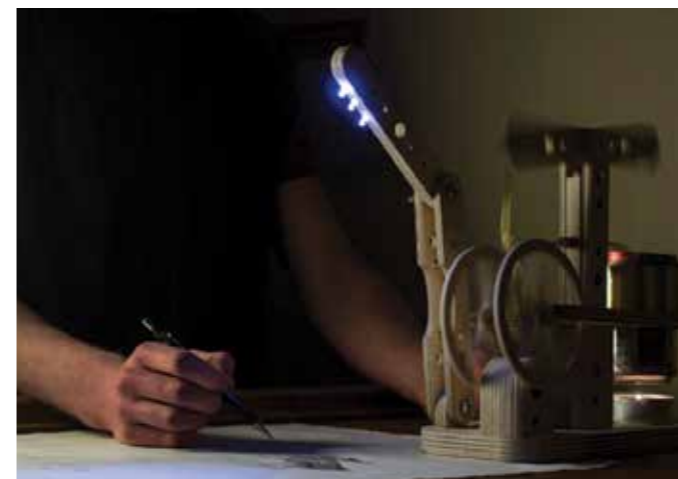
Another unique feature of Product Design is the close relationship that we share with the Digital Interaction Design course at the University of Dundee. Facilitated by some shared modules you will have the opportunity to design great new experiences through physical objects and also begin to understand and develop digital interactions, which may be embedded within products or be screen-based.

Typically, assessment in the design modules is through designed products, services or interactions which are presented to the class. You are trained and encouraged to present in a range of formats in such a way that you are given a good grounding in graphics, media (web-pages, blogs, short-films) prototyping and verbal skills. In technology modules, assessment is through a mixture of coursework (technical reports), exams and team practical projects. Through this variety of ways of assessing we build your skills and confidence in the life-long skill of presenting your thinking and skills to an audience.

Employability

Employability is the fundamental driver for our course. We pride ourselves on building strong relationships with employers throughout our students' education, enabling a smooth and quick route to industry and further academic training on graduation.

Our graduates are employed as product designers, service designers and interaction designers across the globe for companies such as Lego, Dyson, Orange, Nokia, Alpkit, Microsoft and NCR.



What our graduates are doing

Jonathan Robson focused on developing an audio comic idea for LEGO in his final year and graduated in 2011. He now works as a junior designer for LEGO in Denmark.

Philip Gordon graduated in 2011 and, after some time working for the prosthetics company Hugh Steeper, is now a graduate design engineer at Dyson.

Lynsey Duncan graduated in 2007 and, after working as a usability analyst for international telecommunications company Orange, is now a service design expert for iQ Content in Dublin.

What employers say

“ The Product Design degree produces students who have a rounded view of the design world. ”

Rory Hamilton, Head of Insights, LiveWork

What our graduates say

Lee Murray graduated in 2010. During his final year he was offered an internship at Nokia Design in London and he has been there ever since designing and building fully working prototypes for the user experience department. He says,

“ My best experience on this course was having the opportunity to present a product concept in front of three hundred people at the Microsoft headquarters in Seattle, USA. To see what other courses around the world were doing and to meet some of the best minds in the country was amazing! ”

www.dundee.ac.uk/prospectus/product

Programme Content

LEVEL 1

A suite of modules that introduce you to core design skills, people centred research methods and ask you to respond to your first product design briefs.

LEVEL 2

Modules that build on the skills you have acquired in Level 1 with a particular emphasis on:

- > Technology for designers including materials and manufacturing, electronics, structural mechanics and CAD
- > Coding and electronics
- > Prototyping and form
- > Designing with people and design process

LEVEL 3

You are encouraged to deepen your learning from the earlier years of the course with modules which ask you to:

- > Develop working prototypes by embedding technology in products
- > Participate in industry led projects
- > Explore digital manufacturing methods
- > Tailor your programme by choosing from a suite of elective modules

LEVEL 4

The final year allows you to devote most of your time to your own personal project. Staff help you to develop your own area of expertise and prepare you for employment.

- > Major personal project
- > Elective modules (dissertation/design and the market/communication futures)
- > Degree show exhibition
- > Portfolio preparation

“ This course equips some of Britain's best students to grapple with 'design briefs' in refreshingly novel ways. ”

Dr Tim Regan, Microsoft Research

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other Joint Honours subjects.

Note: BSc applicants who wish to choose modules from Life Sciences in Level 1 must ensure they also satisfy their entry requirements - see page 60.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: Psychology (AH, A-L, HL).

Other qualifications

Please see 'Psychology' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Psychology*: **C801**

MA Psychology and...

Business Economics with Marketing: **LNCO**

English: **CQ83**

European Studies: **CR88**

Geography: **CL87**

History: **CV81**

Philosophy: **CV85**

Politics: **CL82**

BSc Psychology*: **C800**

BSc Psychology and Mathematics: **CG81**

*MA and BSc Psychology are also available with French, German or Spanish. Please visit our programme webpage for UCAS codes.

See **making your application** on page 34.

Professional accreditation

Our degrees are accredited by the British Psychological Society.

Psychology

Why study psychology at Dundee?

What makes us who we are? Is it the way our brains function? Is it how we are brought up? Or is it the society we live in? As a psychology student you will learn how to use a wide variety of approaches to answer these questions.

At Dundee you will be a part of a vibrant School with a commitment to providing a teaching environment of the highest standard, where lecturers are actively involved in high quality, internationally recognised research. The science of psychology is constantly changing as new discoveries are made and so it is vital that you are taught the latest theories and developments in the subject.

Students are encouraged to become involved in all aspects of the life of the School through research apprenticeship and mentorship schemes, seminar participation, School forum, residential trips, and a very active undergraduate psychology society (DUPS), run by students, for students.

What you'll study

Level 1 provides an introductory overview to core areas of contemporary psychology – social, developmental, cognition, abnormal, biological, individual differences, evolutionary - and research and statistical analyses.

Level 2 provides more detailed study of some areas of psychology, e.g. cognition, biological, social, developmental, language, and research methodology, statistics and critical thinking.

Level 3 courses consolidate the knowledge and skills gained from the first two years.

In Level 4 students take three specialised courses from a choice of topics at the frontiers of contemporary psychological research, and undertake independent research, guided by a lecturer, which is written up as a dissertation.

Employability

Our psychology degrees give you fantastic preparation for a wide range of careers by providing you with an unrivalled set of transferable skills. Our graduates are valued by a wide range of employers for their ability to think critically, handle data and present information.

Our degrees are accredited by the British Psychological Society - a prerequisite for postgraduate study required for most professional psychology careers including clinical psychology, educational psychology, forensic psychology and health psychology.

Our graduates enter a wide range of careers outside psychology including teaching, advertising, HR, management consulting, marketing, nursing, clinical trial management and the voluntary sector.

In the 2014 National Student Survey, 94% of students were satisfied with the quality of the course.

What's so good about psychology at Dundee?

“The School of Psychology has modern laboratories and equipment which students can use for their research and the highly qualified psychology staff provide students with the necessary skills for the job market. Dundee University Psychology Society (DUPS) is very active and organises a lot of careers and social events. Finally, Dundee City is a small but beautiful city and living costs are cheaper than in most other UK cities.”

Penélope Kopala, Level 4 BSc (Hons) Psychology student



What our graduates say

Dr Emma Reid graduated with a first class MA (Hons) degree in Psychology in 2008. She went on to complete the MSc Psychological Research Methods at Dundee in 2009 and then a Doctorate in Clinical Psychology at Newcastle in 2013. She works as a clinical psychologist within adult learning disabilities with a special interest in autism. Of her time in Dundee she says,

“Classes in abnormal psychology and opportunities to conduct exciting research projects in this area led me to pursue a career within clinical psychology. During my time at Dundee I was encouraged to develop knowledge and skills within my area of interest. Within the department there was a wealth of experience and enthusiasm in relation to many different aspects of experimental and applied psychology. I felt that my own ambitions and interests were acknowledged and supported; lecturers and mentors had a genuine commitment to helping me pursue my career within clinical psychology. Without these opportunities and the guidance I received, I would not be where I am today, and for that I will always be grateful.”

Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

- > Introductory Psychology 1
- > Introductory Psychology 1

LEVEL 2

- > Understanding the Mind
- > Individual Development
- > Research Skills for Psychologists

LEVEL 3

- > Cognition
- > Biological Psychology
- > Social Psychology
- > Psychological Research Skills 3a
- > Individual Differences and Abnormal Psychology
- > Language
- > Developmental Psychology
- > Psychological Research Skills 3b

LEVEL 4

- > Reading Development and Disability
- > Infant Development
- > Social Cognitive Development
- > Cognitive Science and Psycholinguistics
- > Dissertation
- > Vision in the Real World
- > Decision Making
- > Second Language Processing
- > Gesture, Cognition and Communication
- > Foundations of Adult Mental Health
- > Majorities and Minorities
- > The Development of Self-Awareness
- > Evolution and Behaviour
- > The Psychology of Everyday Life
- > Health in Groups
- > Executive Functions across the Lifespan
- > Comparative Communication and Cognition

Social Work

Entry requirements

SQA Higher: **BBB/BBCC**(min) - **ABB/BBBC**(typ)

GCE A-Level: **AB/CCC**

ILC Higher: **BBBC**

IB Diploma: **29** points with 5, 5, 4 at HL

Essential subjects: A literate subject (H, A-L, ILC H, HL) plus mathematics (SG at 2, Int2 at C, GCSE at B, Ord at A, SL at 5).

Other qualifications

Please see 'Education, Social Work and Community Education' on page 134 for details. Other qualifications should include Higher English, or equivalent, and Standard Grade Mathematics at credit level, or equivalent. Students with relevant qualifications and experience may be eligible for advanced entry and will be considered on an individual basis.

Advanced entry

Direct entry to Level 2 of the programme may be considered where the applicant can provide evidence of the appropriate level of qualifications and experience. This would be discussed at the point of application.

Selection notes:

1. All successful applicants may be interviewed.
2. An Enhanced Disclosure Scotland Criminal Records check will be conducted along with registration with SSSC prior to final acceptance.
3. Experience of voluntary or paid work in social care or a related field is very desirable.

Degree programme (with UCAS Code)

BA Social Work: **L500**

See **making your application** on page 34.

Professional accreditation

This programme is accredited by the Scottish Social Services Council (SSSC) and is recognised by all the UK social work registering bodies.



Why study social work at Dundee?

Our social work programme has been ranked as top in Scotland and in the top 10 in the UK by the Guardian University Guide 2014. Our programme is also first in Scotland for social work graduates finding graduate-level employment and/or further study (The Times Good University Guide 2012). These rankings are a reflection of some of the unique features of our social work degree:

- Very strong links to local agency partners who provide us with Practice Learning Opportunities for students
- Clear focus on employability in the final year
- Reputation for producing good quality graduates
- Close collaboration with our Service Users and Carers group. Service users and carers are involved throughout the programme, including student selection and teaching
- Inter-professional study through our successful inter-disciplinary module on working together to achieve social justice. The value of this module in preparing students for inter-professional working was formally recognised with a university prize for innovation in teaching award

What you'll study

A variety of teaching methods are used throughout our programme with an emphasis on experience and participation. Knowledge and understanding gained in lectures and seminars is developed through 'Enquiry and Action Learning', role-play, video work and practical exercises. The use of the latest techniques in simulated practice, ICT and online materials will further enhance your learning opportunities. Some of the richest learning experiences on the programme are gained from Practice Learning Opportunities, which are supported by a Practice Educator and academic tutor. In Levels 2 and 4 you would spend significant amounts of time in social work settings working alongside service users and practitioners.

Employability

There is a focus on supporting students into employment during Year 4. The ongoing demand for qualified social workers has led to the vast majority of our graduates being employed within a short time of leaving university. Our graduates often secure employment within a placement agency in advance of finishing their studies.

Social workers are employed in a wide range of community and group care settings, providing services for many social groups, creating scope for you to pursue a career within a range of practice areas. Recently our graduates have risen to the highest professional levels in social work and related agencies.

What was the best thing about your course and why?

“ The content was very interesting and it was easy to see how important social work is and how it can be applied in practice. The tutors were very supportive too. ”

Steve Anderson – BA Social Work graduate

“ There's a real sense of community between students and lecturers. Studying social work can be quite demanding but rewarding at the same time. The practice placements made it all worthwhile. ”

Liane McGovern, from Middlesbrough – BA Social Work graduate

What our students say

Chris Burns is in his final year of BA (Hons) Social Work. He says,

“ The BA (Hons) Social Work course has given me a firm rooting in all aspects of social work while enabling me to develop and build skills which are useful in all areas of my life. The course is delivered in such a way that I feel confident going forward that I can play a fulfilling and rewarding role in the lives of others. ”

Debbie McLean is in Level 3 of the BA (Hons) Social Work. She says,

“ My experience of the BA (Hons) Social Work degree at the University of Dundee has been a highly rewarding journey in which I have had the opportunity to change and grow, on both a personal and academic level. My path has been supported along the way, by many pillars of strength and knowledge, in the form of lecturers, practice educators, and colleagues on placement. My eyes have been opened to the many social injustices faced by people in our society today, and I feel confident that when I graduate from the University of Dundee, I will be well equipped to empower people to make positive changes and improve their life chances. ”

We were ranked Top in Scotland and in the UK Top 10 for social work.

The Guardian University Guide 2014

Programme Content

LEVEL 1

- > Reflective Social Work Practice
- > Working Together
- > Formation of Social Work
- > Assessing Human Behaviour in the Social Environment 1
- > Relationship-based Social Work
- > Power, Politics and Practice

LEVEL 2

- > Reflective and Ethical Practice
- > Social Work Law and Practice
- > Practice Learning 2
- > The Foundations of Policy and Practice
- > Practice Learning 3

LEVEL 3

- > Working Together to Achieve Social Justice
- > Models and Methods of Intervention
- > Reading, Understanding and Applying Research
- > Assessing Human Behaviour in the Social Environment 2

LEVEL 4

- > Reflective Practice and Employment 4
- > Professional Practice
- > Practice Learning 4

For information on professional development and distance learning programmes offered in this area, please visit www.dundee.ac.uk/prospectus/distance

Entry requirements

SQA Higher: **BBBB**(min) - **AABB**(typ)

GCE A-Level: **BCC**(min) - **BBB**(typ)

ILC Higher: **AABB**

IB Diploma: **30** points with 5, 5, 5 at HL

Essential subjects: None, but see entry requirements for other Joint Honours subjects.

Advanced entry (to Level 2)

SQA Advanced Higher: **AB + BB** (H) in different subjects

GCE A-Level: **ABB**

IB Diploma: **34** points with 6, 6, 5 at HL

Essential subjects: MA Geography and Planning: geography (AH, A-L, HL).

MA Spatial Economics and Development: economics and geography (AH, A-L, HL).

Note: Advanced entry to MA Town and Regional Planning is not available on the basis of Advanced Highers or A-Levels but a relevant HND with some merits in final year will be considered.

Other qualifications

Please see 'The Environment' on page 136 for details.

Degree programmes (with UCAS Codes)

MA Town and Regional Planning: **K410**

MA Geography and Planning: **LK74**

MA Spatial Economics and Development: **LK14**

See **making your application** on page 34.

Professional accreditation

The MA Town and Regional Planning is fully accredited by the Royal Town Planning Institute (RTPI), the planners' professional body, which means you can go on to become a chartered planner.

Town & Regional Planning

Why study town and regional planning at Dundee?

Dundee is a long established centre of excellence for professional planning education. It is an ideal location to study for a planning qualification as the City and its rural surroundings offer excellent case studies of innovative planning practice. Dundee Waterfront was named as Scotland's best place in a public poll organised by the Royal Town Planning Institute in 2014.

Coursework is particularly important in developing the range of skills needed by planners, and students get the chance to work on real life exercises. For example, Level 3 students compete for the annual Dundee Civic Award, a prize sponsored by Dundee City Council for a project on a topical local theme.

Staff are engaged in research of national and international importance in the fields of housing and homelessness, urban regeneration, environmental assessment and community engagement.

Each year a number of our students take the chance to study abroad in Europe or North America.

What you'll study

Planning is about creating quality places where people want to live and work. It is an exciting and creative profession that links a diverse range of subjects, including building design, sustainable development, urban regeneration, community engagement and much more.

The University's flexible MA structure means that for your first two years you can combine town and regional planning with other subjects that interest you, such as geography, economics or environmental science.

You will be encouraged to learn in a variety of ways: through lectures, small group tutorials, practical projects, group exercises, site visits, self-directed study and 'My Dundee', the University's virtual learning environment.

Employability

Our graduates find employment as professional planners in Scotland, the UK and abroad. They work in government, private consultancies, regeneration companies, energy firms and supermarkets. They perform a variety of tasks from preparing development strategies and regenerating declining areas to promoting biodiversity and engaging with local people.

The MA degree provides students with a sound knowledge and understanding of the built and natural environment and a range of transferable skills such as problem solving, IT, communications and team work. These qualities have also allowed some of our graduates to obtain rewarding jobs in other careers such as business management and tourism.



Calum Morris graduated with an Honours degree in Town and Regional Planning and joined Blueprint Planning & Development Ltd as a Planning Consultant in June 2012.

“ My time at Dundee was fantastic. The staff were always dedicated and gave their time to help in any way they could. The course was well structured and allowed me to ease into the planning profession with confidence and passion. Everything from the lectures, to the students, made my time at Dundee the most enjoyable four years of my life! ”



What our graduates are doing

Iram Mohammed graduated with a degree in Town and Regional Planning in 2006. She joined Atkins Ltd in 2008 as a Graduate Planner, and was then promoted to Planning Consultant in 2009. In 2013, Iram was named Scottish Asian Woman of the future at the SAWA Awards and was runner-up in the RTPI Young Planner Awards.

“ I found my time at Dundee really enjoyable. Everyone – from the lecturers to the students – was passionate about the subject and the academic support I received was first class. Lecturers always made time to see students no matter how busy they were. ”



In the 2014 National Student Survey, 97% of our students said the course was intellectually stimulating.



Programme Content

Typical degree programme example. Please refer to the **MA degree structure and overview** on page 128.

LEVEL 1

- > Planning for Sustainable Cities
 - > Design and the Environment
 - > Sustainable Development and the Environment
 - > Countryside Planning and Management
- plus 2 other approved modules

LEVEL 2

- > Design and Development
 - > Planning Theory and Practice
 - > Management in the Built and Natural Environments
 - > Introduction to Environmental Law
- plus 2 other approved modules

LEVEL 3

- > Territorial Planning and Development
 - > Planning Law and Practice
 - > European Spatial Planning
- plus 1 option from a suite of modules including specialisms in urban policy, environmental assessment, and Geographical Information Systems

LEVEL 4

- > Critical Planning Agendas
 - > Dissertation
- plus 2 options from a suite of modules including specialisms in community governance, climate change, environmental management, and urban conservation

MA degree structure & overview

The four-year MA (Honours) degree offers a range of subjects from business, the environment, humanities, and psychology which may be studied for either a single or joint Honours degree. It has been designed to maximise flexibility in course choices both for the specialist and the generalist. Well-qualified applicants may gain advanced entry to Level 2 of the degree programme and achieve an Honours degree in just three years. The degree pathways illustrated here demonstrate the range of subjects available. Although there are compulsory core modules in all degree programmes, there is a large range of modules to choose from at Levels 3 and 4 in all subject areas.

It is also possible to study the more generalist MA Arts & Social Sciences (without Honours) in three years (UCAS code VWL0).

As well as the main degree subjects illustrated here, it is also possible to continue studying a European language (French, German or Spanish) throughout all years of your degree. Alongside these subject-based modules are also optional skill-based ones such as Career Planning, Communications and Information Technology and Academic Study Skills which help support you in your chosen field of study and career aspirations.

Visit www.dundee.ac.uk/prospectus/ma for more details.

LEVEL 1

6 modules, from three or four subject areas:

Economic studies	Geography	Planning	Psychology
English	History	Politics	A science subject (e.g. biology)
Environmental science	Information technology	Applied French	
Environmental sustainability	Mathematics	Applied German	
Film studies	Philosophy	Applied Spanish	

LEVEL 2 (possible entry - see Advanced Entry requirements)

6 modules, at least four of which should be at Level 2:

Career planning	Environmental sustainability	Mathematics	Applied German
Creative Writing	European studies	Philosophy	Applied Spanish
Economic studies	Film studies	Planning	Psychology
English	Geography	Politics	
Environmental science	History	Applied French	

LEVEL 3 MA (without Honours)

Normally 4 modules at Level 3 from:

Economic studies
English
Environmental science
European studies
Geography
History
Mathematics
Philosophy
Politics
Psychology

Graduate MA Arts & Social Sciences (without Honours) (UCAS Code VWL0)

LEVEL 3 MA (Honours)

Normally 4 modules from one (single Honours) or two (joint Honours) subject areas:

Business economics with marketing	European Languages & Culture*	International business
Creative writing*	European politics**	International relations*
Economics	European studies*	Mathematics*
English	Film studies*	Philosophy
Environmental science*	Financial economics**	Planning
Environmental sustainability	Geography	Politics
European philosophy**	Geopolitics**	Psychology
	History	Scottish historical studies**

(** single Honours only / *joint Honours only)

LEVEL 4 MA (Honours)

Normally 4 modules from one (single Honours) or two (joint Honours) subject areas chosen in Level 3.

Graduate MA (Honours)

Part-time study & lifelong learning



Many people wish to study at degree level but are unable to fit full-time study around family, work and other commitments. The University of Dundee offers a number of degrees which can be studied on a part-time basis, some in person on campus, and others by distance learning.

A summary of some of the programmes available is given below. For details on how to apply to any of these programmes please visit the websites which also include more details on entry requirements, costs and programme content.

Part-time MA degree

The part-time MA degree offers real opportunities to study at degree level regardless of background, age or experience.

This is a flexible part-time degree programme which is taught on a modular basis within a two-semester academic year. By accumulating the appropriate number of credits at the relevant level of study you can achieve the award of Certificate, Diploma or Degree. The part-time MA can be studied during the day or in the evening. Please visit the programme webpage for details of modules available and costs.

www.dundee.ac.uk/prospectus/maparttime

Continuing education

We also offer over 100 short daytime and evening classes, lecture series and one-day workshops, drawing on areas of expertise within the University to include subject areas such as fine art and design, film and media, literature and creative writing, history, science and social studies.

The majority of our courses do not require any entry qualifications and are generally open to anyone over the age of 16. Concession fees may be available.

For more details about each programme, the costs and how to enrol, please visit www.dundee.ac.uk/conted.

Distance learning

The University of Dundee has been at the forefront of distance learning for some 30 years. This is an educational approach to learning that enables us to offer a wide range of flexible learning opportunities to students in the UK and abroad at undergraduate and postgraduate levels. Many of these are related to continuing professional development (CPD), but some are undertaken for personal interest or pleasure.

A selection of undergraduate level programmes is given below:

- > Medieval and Early Modern Scotland 1100 – 1707
- > Modern Scottish History: 1707 to the present
- > BSc Nursing (post-registration)
- > BSc Midwifery (post-registration)
- > BSc Health Studies (post-registration)
- > BA Childhood Practice
- > BA Community Learning and Development (work-place based mode)
- > BA Professional Development in...
 - Community Engagement
 - Leadership & Management
 - Tertiary Education
 - Volunteer Management
- > Teaching Qualification (Further Education)

For more details about each programme, the costs and how to apply, please visit

www.dundee.ac.uk/prospectus/distance

Languages

Why study languages at Dundee?

According to the Gateway to Growth CBI/Pearson Education & Skills Survey 2014, almost two thirds of businesses (65%) value foreign language skills among their employees.

Whatever the degree you are studying, you may need languages for all sorts of career destinations. Obvious careers are language teaching, translating and interpreting. Entrepreneurs need language skills to negotiate and sell products on the global market. Politicians, historians, geographers all need language skills to get to know the people and area that they are passionate about. Psychologists and other healthcare professionals need language skills to communicate effectively with patients and clients whether they work in the UK or overseas. Academics may need a language to do research and have access to research published in other languages.

Dundee graduates, who have studied a language, have gone into careers in international law, diplomacy, business and commerce, NGOs, teaching, tourism, publishing, and European and international research, to name just a few areas.

Our flexible entry system means that you can start a language from scratch, or continue your Higher or A level language studies.

What can I study?

The topics that you'll cover are really varied so you not only greatly improve your language speaking ability, use of grammar, different tenses, and increase vocabulary - but you'll also learn about culture, history, literature, society, the environment and lifestyle. A number of our students take the opportunity to study abroad (ERASMUS) in their 2nd or 3rd year (see below) and some go on to do English Language Assistantship placement (ELA) with the British Council. ELA gives you the chance to gain experience in teaching, working and networking in a foreign country, offering you awareness of a different approach to teaching, gaining cultural insights and awareness, first-hand.

You can study French, German and/or Spanish as part of many degrees or study a language as an optional module in the early years of your degree. You can also choose from a wider variety of languages, for course credit, or just for interest, as part of our Languages for All programme.

Erasmus exchanges – study in Europe

In Levels 2 & 3, there are opportunities to take part in Erasmus exchanges either for a semester or a year. You can choose from universities in Austria, France, Germany or Spain or many other countries depending on your degree choice. See page 141 for a list of exchanges currently possible.

“ Since graduating, I have found German to be an invaluable tool in finding a job and I have subsequently been hired by American Express, who required German speakers for a number of vacancies. I am now really glad that I took a language, as it has given me such a head start in the job market. ”

Matthew Piller, graduated in 2010 with MA (Hons) Geography with German

Our learning environment

Our teaching methods are interactive and student-centred. All our courses aim to increase your linguistic competence and equip you with valuable oral and written skills which boost your CV and your professional profile such as presentations, accessing foreign source materials, correspondence and creative writing, summarising/reporting, debating, interpreting and translating.

Our Languages programme offers you a rich language learning environment with:

- Opportunities to meet native speakers of French, German, Spanish and other languages at regular social events, including our weekly Languages Café
- A free film club, with weekly showings of subtitled, foreign language films

Our courses are interdisciplinary by nature and aim to develop personal transferable skills and your intercultural awareness by exploring contemporary European media, cinema, literature, and current social and political issues.

In the first semester of Levels 1 & 2 assessments represent 100% of your module marks and at least 50% at Levels 3 and 4. Assessments and exams are mainly based on real-life social and professional communicative situations.

Languages for All

Languages for All offers you the opportunity to take many languages, our current list includes Arabic, Gaelic, Mandarin Chinese, Latin, Italian, Japanese, Polish and Russian in addition to French, German and Spanish. You can choose a certificated course for which you can obtain 20 credits towards your degree at Levels 1 and 2, or take the language an optional extra. If you count these classes as part of your degree pathway they are free, but if you take them as additional credits you pay a fee. Languages are also available in a range of levels to suit your ability, from absolute beginner to experienced linguist. Please visit the Languages for All website for the current list:

www.dundee.ac.uk/languages/courses/forall/

“ Over the semesters, thanks to the excellent teachers, my confidence in employing the languages have advanced from nearly nil to being comfortable engaging native speakers in conversations. I feel that I am ready to take my languages to a new level, such that they are no longer merely tools to be mastered, but tools to be applied. That is to say, I would like to use these languages to develop my knowledge and understanding in other areas of my studies, be it philosophy, or the political and sociological aspects of European Studies. ”

Junyan Ng from Singapore is studying MA European Studies and Philosophy

He also studied French and German during his first two years, and spent third year doing one semester in France and one in Germany, thanks to a Stevenson Exchange Scholarship.



Studying a language in your degree

Our Applied Languages modules offer you the opportunity to choose from French, German or Spanish, or two of these languages with your main degree subject/s. A summary of the options available is shown below. Final choices will be checked with your Adviser of Studies when you matriculate.

LANGUAGE CREDITS IN LEVELS 1 AND 2

These can count as part of many degrees, for example, a student studying BSc Psychology with no languages at Higher or A-level, can study Spanish for a third of their first year, from scratch.

Modules can be chosen from Applied Languages or Accredited Languages for All (see left).

SINGLE HONOURS MA/ LLB DEGREE SUBJECT WITH A LANGUAGE:

You can take Applied Language modules with any single Honours MA or LLB subject, for example, MA Geography with Spanish, or LLB Scots Law with French, studying the language alongside your main subject for all four years.

Please note this does not include the Languages for All modules.

JOINT HONOURS MA DEGREE SUBJECTS WITH A LANGUAGE:

Joint Honours MA students, in some degree combinations, can continue with a language in Levels 3 and 4. That is, two main subjects plus a language, for example, MA Politics and International Relations with German.

Possible combinations: English, European Studies, History, International Relations, Philosophy, and Politics with a Language.

JOINT HONOURS MA DEGREE SUBJECT WITH EUROPEAN LANGUAGES:

You can also study one main subject with two languages, for example, MA English and European Languages (includes 2 languages from French, German or Spanish, only one of which may be studied at beginner's level in year 1).

The availability of this option depends on your degree pathway and will be checked with your Adviser of Studies at matriculation.

MA (HONS) EUROPEAN STUDIES AND EUROPEAN LANGUAGES AND CULTURE:

You can also study two languages as part of the joint Honours pathway in European Studies and European Languages and Culture. This is made up of European Studies plus two languages, from French, German and Spanish, (only one of which can be studied from beginners' level) see page 90 for more details.

MA/BSC INTERNATIONAL BUSINESS AND MARKETING AND MA/BSC PSYCHOLOGY:

You can take a language in all four years of this degree.

SINGLE HONOURS MA DEGREE, BSC BUSINESS MANAGEMENT OR BACC ACCOUNTANCY:

If you intend to study for a Single Honours MA, for example, MA History, you may study French/German/ Spanish as an integral part of your degree course in Levels 3 and 4 but the language element will not appear in the name of your final degree.

Please note this does not include the Languages for All modules.

Undergraduate Foundation Programmes for International Students

If you are an international applicant whose first language is not English, and you have missed our English language entry requirements by 1.0 IELTS overall and/or have lower subject grades than required, then the Foundation Programme is for you. Their aim is to prepare you for study on selected undergraduate degree programmes at the University of Dundee.

The Foundation Programme will prepare you to move smoothly onto your degree programme. It focuses on academic language and study skills, and helps you develop appropriate subject knowledge to get the most from your undergraduate degree.

Why choose the Foundation Programme at Dundee?

The Foundation Programmes are taught by an experienced and very well-qualified team of University of Dundee academic staff, and all classes are delivered on campus. The University is consistently ranked as one of the best Universities in the UK by our students, and you will be part of that supportive and friendly environment.

Additional cultural visits and events are planned throughout Dundee and Scotland. If you pass the programme to the required level you are guaranteed a place on a range of undergraduate programmes at the University.

Foundation Programme applicants can also apply for our international scholarships

What Foundation Programmes are available?

The following pathways are currently available with more to follow:

	UCAS CODE
CertHE Foundation Year in Business and English Language	3R9B
CertHE Foundation Year in Computing and English Language	Q330
CertHE Foundation Year in Dentistry and English Language	tbc
CertHE Foundation Year in Engineering/ Physics/Maths and English Language	Q331
CertHE Advanced Foundation in Engineering/ Physics/Maths and English Language	H100
CertHE Foundation Year in Law and English Language	3R9C
CertHE Foundation Year in Life Sciences and English Language	3Y5C

Visit our website for details of other programmes on offer – www.dundee.ac.uk/prospectus/foundation

How do I apply?

You can apply for our Foundation programmes through UCAS in the same way as our undergraduate degree programmes.

What will you study?

In Semester 1 you will study two modules in English for Academic Purposes and one module in an academic subject, while in Semester 2 you will study one module in English for Academic Purposes, and two modules in academic subjects.

If you successfully complete all these modules you will (with the exception of Dentistry and Law) be able to progress straight into Level 2 of your chosen undergraduate degree. You will also be awarded an internationally recognised Certificate in Higher Education (CertHE).

Methods of assessment

The programme is assessed through a combination of coursework, examinations, submission of written assignments and an oral presentation.

Entry requirements

In general, if your first language is not English and you have missed meeting our English language requirements by 1.0 IELTS overall and/or have lower subject grades than required, then you may qualify for our Foundation Programme.

Full details on the qualifications needed to gain entry to each Foundation Programme pathway can be found on our website – www.dundee.ac.uk/prospectus/foundation.

Pre-sessional English programmes

We also offer a range of Pre-Sessional programmes which prepare you for university study and provide extra English language tuition if you do not meet our minimum English language requirements. Successful completion of these programmes guarantees progression to various degrees at the University of Dundee as long as you hold a relevant offer. These are designed for international students who meet our academic criteria but require additional English language training.

Full details of each Pre-Sessional programme can be found on our website – www.dundee.ac.uk/prospectus/pre-sessional.

“First, the programme is useful to improve our English because it is an amazing atmosphere to learn and practise. Second, the tutors encourage your skills and participation. The tutors are great – they think and work all the time to improve the programme to improve the level of the students with different activities. Also, the organisation is excellent.”

Comment from Foundation Programme student, 2014

“The best things about the programme were intercultural experience, class participation, different approaches in class (for different topics), trips with tutors to know Dundee better, assignments and tests.”

Comment from Foundation programme student 2014



Bringing the world to Dundee – our international scholarships

Having an international student body is important to us, and improves the university experience for all our students.

We want to continue to attract outstanding students to Dundee from across the world, and are offering a range of new international scholarships from 2015/16.

The table below summarises what's on offer to Foundation Programme applicants. You can find more detailed information about each one on our website – uod.ac.uk/int-scholarships

	Dean's International Scholarship	Discount for early payment of tuition fees
Overseas fee status	£3,000 per year deducted from annual tuition fee	5% discount on tuition fee
Level of course applied for	Foundation, Undergraduate and Taught Postgraduate	Foundation, Undergraduate and Taught Postgraduate
Availability	All Foundation Programmes	All Foundation Programmes
How do I apply?	Online application link will be emailed to you. Submit a short supporting statement.	No application. Pay your tuition fees in full by deadline to qualify.

Other qualifications

School/Area of Study	Point of entry	SQA	Scottish Baccalaureate	SWAP Access
Accountancy	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC in AH.	n/a
	Level 2	A relevant HND with BB in the Graded Units.	n/a	n/a
Art and Design	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC at AH.	n/a
	Level 2	A recognised Foundation Course or a relevant HND with BB in the Graded Units.	Pass with BB at AH.	n/a
Biological/Biomedical Sciences	Level 1	A relevant HNC with A in the Graded Unit and 96 SCQF credits.	n/a	Relevant science subjects with AAA grades to include Chemistry and Biology/ Human Biology at SCQF Level 6
	Level 2	A relevant HNC with A in the Graded Unit and 120 SCQF credits or HND with AA in the Graded Units.	Distinction with AB at AH Biology and Chemistry. Mathematics SG 3/Int2 C.	n/a
Computing	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC at AH in 2 Sciences or Mathematics and a Science.	Relevant science subject with ABB grades to include Mathematics at SCQF Level 6
	Level 2 (and HCI degree)	A relevant HNC with A in the Graded Unit and 120 SCQF credits. A relevant HND with BB in the Graded Units.	Pass with BB at AH in 2 Sciences or Mathematics and a Science.	n/a
Education, Social Work and Community Education	Community Learning and Development Level 1	A relevant HNC.	Pass with CC at AH including a literate subject.	Relevant subjects with ABB grades to include English Literature/Language at SCQF Level 6 and Mathematics at Int2/Nat 5 B.
	Community Learning and Development Level 2	A relevant HNC with B in the Graded Unit or a relevant HND with evidence of competence in key areas of community learning and development.	Considered individually.	n/a
	Education Level 1	A relevant HNC.	Pass with CC at AH with English at Higher B or above, Mathematics SG 2/ Int2/Nat 5 B.	Relevant subjects with ABB grades to include English Literature / Language at SCQF Level 6 and Mathematics at Int2/Nat 5 B.
	Social Work Level 1	A relevant HNC.	Pass with CC at AH with a literate subject at Higher C or above, Mathematics SG 2/Int2/Nat 5 B.	Relevant subjects with ABB grades to include English Literature / Language at SCQF Level 6 and Mathematics at Int2 C.

Note: We have articulation agreements set up with several colleges which may differ from the requirements above. Please contact us or the college for further information.

If your qualification is not listed, please email contactus@dundee.ac.uk

EDEXCEL	Advanced Diploma	Welsh Baccalaureate	European Baccalaureate	Notes
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL A-Level at B.	Pass with A-Levels at BB.	70% overall	English and Mathematics required at SG 2 / Int2 C / GCSE B / ILC Ord B / IB SL 5 or equivalent.
A relevant HND with Merits in appropriate modules.	n/a	n/a	n/a	Modules in Mathematics, Economics and Accountancy required for Level 2 entry.
A relevant BTEC Extended Diploma with DMM	Grade C with ASL A-Levels in appropriate subjects at BC.	Pass with A-Levels in appropriate subjects at BC.	70% overall with 7 in an art & design subject and 7 in a literate subject.	All qualifications will be considered on an individual basis. All qualifications should include a relevant Art and Design subject, literate subject and preferably a technical subject for Digital Interaction Design and Product Design. A comprehensive portfolio of creative work is required. An interview may be required.
A recognised Foundation Course or a relevant BTEC Extended Diploma with DDM.	Grade B with ASL A-Levels in appropriate subjects at AB.	Pass with A-Levels in appropriate subjects at AB.	75% overall with 7.5 in an art & design subject and 7.5 in a literate subject.	
n/a	n/a	n/a	70% overall with 7 in biology and chemistry.	EDEXCEL, Advanced Diploma and Welsh Baccalaureate can be considered for the CertHE Foundation Year in Life Sciences.
A relevant HND with Merits in appropriate Science modules.	Grade A with ASL-A Level Biology and Chemistry at AB. Maths GCSE C.	Pass with A-Levels in Biology and Chemistry at AB. Mathematics GCSE C.	75% overall with 7.5 in biology and chemistry.	
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL-A Levels in 2 Sciences/Mathematics and a Science at BB.	Pass with A-Levels in 2 Sciences/Mathematics and a Science at BB.	70% overall with 7 in two Sciences or Mathematics and a Science.	For entry to Computing, competence in Mathematics is essential.
A relevant HND with Merits in appropriate Science modules. A relevant BTEC Extended Diploma with DDD.	Grade B with ASL-A Levels in 2 Sciences/ Mathematics and a Science at AB.	Pass with A Levels in 2 Sciences/Mathematics and a Science at AB.	75% overall with 7.5 in two Sciences or Mathematics and a Science.	Level 2 entry requires completion of our pre-entry module Java Online (www.computing.dundee.ac.uk/projects/jol/), for all programmes apart from Human Computer Interaction.
A relevant BTEC Extended Diploma with MMM.	Grade C with an A-Level in a literate subject at B.	Pass with BC at A-Level.	n/a	See A-Z listings for information regarding specific selection criteria.
A relevant BTEC Extended Diploma with DMM.	Considered individually.	Considered individually.	n/a	Candidates can be considered for Level 3 entry with a relevant HND with Graded Unit BB and significant evidence of competence in community learning and development.
A relevant BTEC Extended Diploma with DMM.	Grade B with an A-Level in a literate subject at B. English Language and Literature and Mathematics GCSE at B.	Pass with BB at A-Level including one literate subject. English Language and Literature and Mathematics GCSE at B.		Applicants with relevant qualifications and experience may be considered for advanced entry on an individual basis.
A relevant BTEC Extended Diploma with DMM.	Grade C with an ASL- A Level in a literate subject at C. Mathematics GCSE B.	Pass with A Levels at CC including a literate subject. Mathematics GCSE B		All Applicants must meet the minimum Mathematics requirement for the course. Applicants with relevant qualifications and experience may be considered for Advanced Entry on an individual basis.

Other qualifications continued

School/Area of Study	Point of entry	SQA	Scottish Baccalaureate	SWAP Access
Engineering, Physics and Mathematics	Level 1	A relevant HNC with B in the Graded Unit including Mathematics for Engineering I.	Pass with BC at AH in Mathematics and a Science/ Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSc).	Relevant science subjects with ABB grades including Mathematics and Physics Units at SCQF Level 6.
	Level 2	A relevant HNC with A in the Graded Unit including Mathematics for Engineering 1 and 120 SCQF points. A relevant HND with BB in the Graded Units including Mathematics Engineering 2.	Distinction with AB at AH in Mathematics and a Science/ Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSc).	n/a
Humanities/ Economic Studies	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC at AH.	Relevant subjects with ABB grades to include English Literature / Language at SCQF Level 6 and Communication 4 plus Literature 1.
	Level 2	A relevant HND with BB in the Graded Units.	Distinction with AB at AH.	n/a
Law	4 Year Honours degree (Level 1)	An HNC in Legal Studies/Legal Services with A in the Graded Unit considered individually. An HND in Legal Studies/ Legal Services with AA in the Graded Units considered individually.	Considered individually.	n/a
	3 Year Honours degree (Level 2)	Considered individually.	Considered individually.	n/a
Nursing	Level 1	An HNC (with a C in the Graded Unit where applicable) or an HND.	Pass	18 credits with 14 at Higher level and 4 at Int2 including 2 external Highers at C or equivalent.
Psychology	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC at AH.	Relevant subjects with ABB grades to include English Literature / Language at SCQF Level 6 and Communication 4 plus Literature 1.
	Level 2	A relevant HND with BB in the Graded Units with appropriate Psychology Units.	Pass with BB at AH in Psychology and another subject.	n/a
The Environment	Level 1	A relevant HNC with B in the Graded Unit.	Pass with CC at AH.	Relevant subjects with ABB grades to include English Literature / Language at SCQF Level 6 and Communication 4 plus Literature 1. (n/a for Architecture)
	Level 2	A relevant HND with BB in the Graded Units.	Pass with BB at AH.	n/a

Note: We have articulation agreements set up with several colleges which may differ from the requirements above. Please contact us or the college for further information.

If your qualification is not listed, please email contactus@dundee.ac.uk

EDEXCEL	Advanced Diploma	Welsh Baccalaureate	European Baccalaureate	Notes
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL-A Levels at AB in Mathematics and a Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci).	Pass with A Levels at AB in Mathematics and a Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci).	70% overall with 7 in Mathematics and a Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci).	Entry to BEng/BSc programmes only, unless otherwise stated.
A relevant HND with Merits in appropriate Science/Mathematics modules. A relevant BTEC National Diploma with DDD.	Grade B with ASL-A Levels at AA in Mathematics and a Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci).	Pass with A Levels at AA in Mathematics and a Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci).	75% overall with 7.5 in Mathematics and Science/Engineering subject (BEng/BSc) or Mathematics and Physics (MEng/MSci)	SQA HNC only relevant for Level 1 entry to Civil Engineering. Entry to BEng/BSc programmes only unless otherwise stated.
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL-A Level at B.	Pass with A Levels at BB.	70% overall with 7 in English for English degrees.	Entry to BSc degrees requires a Science component equivalent to SQA Higher. Entry to English Literature courses requires Higher B/A Level C or equivalent in English/English Literature.
A relevant BTEC Extended Diploma with DDD.	Grade A with ASL-A Level at B.	Pass with A Levels at AA.	75% overall with 7.5 in English for English degrees.	See A-Z listings for essential subjects.
A relevant BTEC Extended Diploma with DDM.	Considered individually.	Considered individually.	n/a	Applications from students with non-standard educational backgrounds and qualifications are welcomed and will be considered on their merits. These applicants must be able to show evidence of recent academic achievement. Certain professional qualifications or two or three recent Highers (or equivalent) may be considered sufficient.
Considered individually.	Considered individually.	Considered individually.	n/a	
A relevant BTEC Extended Diploma (MMP), or BTEC Diploma (MM).	Grade D.	Pass with A Level at D.	50% overall with English and Mathematics at 50% or an accepted equivalent.	Essential subject requirements: Candidates must also possess the equivalent of English and Mathematics at a minimum of SG at 3 or GCSE at C. All applicants are selected for interview before being made an offer.
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL-A Level at B.	Pass with A Levels at BB.	70% overall	
A relevant BTEC Extended Diploma with DDD.	Grade A with ASL-A Level at B.	Pass with A Levels at AA.	75% overall	
A relevant BTEC Extended Diploma with DDM.	Grade B with ASL-A Level at B.	Pass with A Levels at BB.	70% overall	Entry to BSc degrees requires a Science component equivalent to SQA Higher.
A relevant BTEC Extended Diploma with DDD.	Grade A with ASL-A Level at B.	Pass with A Levels at AA.	75% overall	No Level 2 entry for MArch Architecture.

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Access courses

The University recognises that sometimes circumstances can lead to underperformance at school or college. If you were not able to translate your full potential into the qualifications required for entry to our degree courses, yet feel you have the talent and determination to earn a place, why not apply?

Dundee University Access to Learning (DUAL) summer school

DUAL is for students who, due to circumstances beyond their control, lack qualifications required for degree entry. All will have strong potential, as evidenced by the independent referee they nominate. This 6 week full-time course involves all students completing a Personal Academic Skills module in addition to studying three taught subjects out of a list of around thirteen normally on offer. Applicants may be eligible for a bursary.

For details and to apply, visit
www.dundee.ac.uk/prospectus/dual
email: participation@dundee.ac.uk

Discover Learning at Dundee

Some students may not be available when DUAL runs or wish to study off campus and over a longer period. Others may simply wish to study a module for interest, rather than four modules to qualify for undergraduate entry. Discover Learning at Dundee is an exciting online programme that allows students exactly this opportunity at different times throughout the year. It is free to those meeting our Access criteria and those eligible for ILA.

For details and to apply, visit
www.dundee.ac.uk/prospectus/discoverlearning
email: discoverlearning@dundee.ac.uk

Accommodation

The University of Dundee accommodates over 1500 students in four residential complexes - Heathfield, Belmont, Seabraes and West Park. The majority of accommodation is on or close by the city campus and all offer a comfortable home from home where you can settle quickly and meet new friends.

The residences have been the focus of significant developments in the last few years and now comprise approximately 250 self-contained flats (each flat has its own kitchen and dining space) accommodating between five and ten residents. All our accommodation provides bedrooms with ensuite shower and toilet and the capability of both WiFi and cable connection to the University's superfast broadband network.

Bedrooms are all single occupancy and are sized approximately 13 or 15 sq.m. (including the ensuite facilities). Kitchens are equipped with cooker, fridge/freezer, microwave and kettle. However, the following items are not supplied in any of the residences: crockery, cutlery, pots, pans, cooking utensils, bed sheets, pillow, blankets etc. Each complex has a coin-operated laundry available for all residents. Cleaning services are limited to communal areas during the period of the lease.

Belmont (450 residents) and **Heathfield** (426 residents) are located centrally on the city campus and yet are only ten minutes walk from the city centre. The residences lie adjacent to each other and the Institute of Sport and Exercise (ise), tennis courts and swimming pool. The Students' Association (DUSA), Main Library and the Chaplaincy are also close by. Heathfield also accommodates the main property management office.

Seabraes (411 residents) is located between the city campus and the River Tay and is just a few minutes walk from all the amenities on the city campus as well as being close to the city centre. There are also facilities for postgraduate and upper years undergraduate students here.

West Park (300 residents) is located in a residential area mid-way between the city campus and Ninewells Teaching Hospital and is approximately 20 minutes walk from both, as well as having access to good public transport. The site also accommodates the West Park Conference Centre.

Family accommodation

Unfortunately the University does not provide family accommodation, however there is a good supply of private accommodation near the campus. We strongly recommend that you do not bring your family to Dundee until suitable family accommodation is confirmed.

Students with disabilities

We already accommodate a number of students with disabilities and will do our best to help you and any helper you may require. If your disability is severe, you should write to Admissions and Student Recruitment (contactus@dundee.ac.uk) before you apply for one of our courses so that we can check out for you all aspects of living and learning at Dundee.

Application & lease agreements

Once you have firmly accepted the offer of an academic place at the University you will receive further accommodation application information by email from the Admissions Team. We are able to offer accommodation to all single entrant students starting courses in September, who send us their application form by the deadline.

We will try to meet the needs of those applying after the deadline, but we cannot guarantee it. Accommodation is normally arranged for the full academic session (39 weeks from September to May) and students are required to accept a lease agreement prior to moving in.

For further information about the facilities and services available as well as pictures of each residence, please visit our website www.dundee.ac.uk/accommodation.

Application calendar

Applying online at wwwucas.com

For all full-time higher education courses at universities and colleges in the UK, students must apply online via UCAS. There are three types of applicant:

1. Students at a school or college registered with UCAS

All UK schools and colleges (and a small number of establishments overseas) are registered with UCAS to manage their students' applications. Advice is available from your teacher or a careers adviser at your school or college. You fill in an online application and submit it to a member of staff. After checking your details, and having added the academic reference, your school or college submits the completed application online to UCAS. You pay online using a credit card or debit card. You may also be able to pay through your school or college.

2. Independent applicants in the UK

Other UK applicants, who are not at school or college, apply online independently. Unlike school and college students, you may not be readily able to seek advice from a teacher, but can instead consult with various careers organisations (such as Connexions). You are responsible for paying the correct application fee, for obtaining and attaching the academic reference and for submitting the completed application online to UCAS.

3. International applicants outside the UK (EU & worldwide)

Except for those whose school or college is registered with UCAS, individuals from the EU (excluding the UK), and worldwide, apply online independently. Advice is available from British Council offices and other centres overseas such as your school or college. You are responsible for paying the correct application fee, for obtaining and attaching the academic reference and for submitting the completed application online to UCAS.

For all applicants there are full instructions at wwwucas.com to make it as easy as possible for you to fill in your online application, plus help text where appropriate.

Application calendar

We've listed all the key details that you have to think about and put them into a calendar so that you can always be up to date as you go through the application process.

Think Dundee

March

- Higher Education Career Events in England, Wales and Northern Ireland
- Schools can schedule higher education talks delivered by University of Dundee Engagement and Recruitment Officers

April

- Higher Education Careers Events in England & Wales

May

- Advanced Higher/Higher and A/AS-Level examinations across the UK
- Higher Education Career Events in England
- UKCAT registration for medicine and dentistry courses opens

June

- University of Dundee Medicine Visit Day
- University of Dundee Dentistry Visit Day

- Advanced Higher/Higher and A/AS-Level examinations across the UK
- Higher Education Career Events in England & Wales

August

- Results for Advanced Higher/Higher and A/AS-Level examinations across the UK
- Higher Education Career Events in Scotland
- University of Dundee Visit Day (see website for details)

September

- University of Dundee Visit Day (see website for details)
- Higher Education Career Events in Scotland
- UKCAT registration for medicine and dentistry courses closes
- Schools can schedule UCAS application talks and choose from a portfolio of workshops delivered by the University of Dundee Engagement and Recruitment Officers.
- Preparation of applications for medicine, dentistry and veterinary medicine

Apply Dundee

October

- UCAS application deadline for medicine, dentistry and veterinary medicine (15th)
- University of Dundee Art & Design Visit Days

November

- Preparation of all other applications

December

- Preparation of all other applications

January

- UCAS application deadline (15th) for all other courses
- Interviews for University of Dundee courses ongoing

February

- University of Dundee Post Application Visits
- Interviews for University of Dundee courses ongoing
- Schools can schedule 'Student Finance and Welfare' talks delivered by University of Dundee Engagement and Recruitment Officers

- UCAS Extra begins

March

- Apply to SAAS or Student Finance England/Northern Ireland/Wales for funding and assessment
- University of Dundee Post Application Visit Days
- Interviews for University of Dundee courses ongoing

Decide Dundee

April

- University of Dundee Post Application Visit Days
- UCAS Extra
- Portfolio assessment for University of Dundee art and design courses ongoing

May

- If all offers are received applicants can make Firm acceptance and Insurance acceptance
- Advanced Higher/Higher and A/AS-Level examinations across the UK
- Application forms for accommodation are issued via email from May once Dundee becomes your Firm acceptance
- UCAS Extra

June

- Advanced Higher/Higher and A/AS-Level examinations across the UK
- UCAS Extra
- Late UCAS application submission deadline (30th)

July

- Deadline for applications to University accommodation (see website for details)
- Matriculation information is issued by email from July to all applicants with an Unconditional Firm acceptance at Dundee

August

- Examination results
- Confirmation of conditional offers by institutions
- Clearing opens
- Freshers' Week events pack sent from the Students' Union (DUSA) to all new students

Arrive Dundee

September

- New students can access University accommodation
- Matriculation (also known as Registration/Orientation)
- Welcome Week activities (also known as Freshers' Week)
- Semester 1 teaching begins

Exchange programmes

The University of Dundee has exchange agreements with many universities across Europe, North America and Australasia. A list of the ones in place for the 2014/15 academic year is given below. Since these agreements can change each year, please see our website for the most up-to-date information:

www.dundee.ac.uk/prospectus/studyingabroad

Erasmus Study Abroad Exchange Programmes (for 2014/15)	
Accountancy	Germany, Italy, Spain
Architecture	France, Germany
Biological Sciences	Denmark, France, Netherlands, Spain, Sweden
Business Studies	Germany, Italy
Civil Engineering	Finland, Germany, Italy, Slovenia
Computing	Denmark, Germany, Sweden
Dentistry	Denmark, France, Germany, Norway
Design	France, Germany, Hungary, Italy, Netherlands, Poland, Spain
Education (not Primary)	Belgium
Economic Studies	France, Germany, Spain
Electronic Engineering	Germany
English	Austria, France, Germany, Greece, Spain
European Studies	France, Germany, Portugal, Spain
Fine Art	Czech Republic, France, Germany, Italy, Netherlands, Romania, Spain, Sweden
Geography	Germany, Spain, Sweden

History	France, Germany, Netherlands, Poland, Spain
Industrial Design	Spain
Interior Design	Belgium, Italy, Poland, Slovenia
Law	France, Germany, Malta, Netherlands, Lithuania, Spain, Turkey
Mathematics	France, Germany, Spain
Mechanical Engineering	Germany
Media Arts & Imaging	Austria, Finland, France, Germany
Philosophy	Czech Republic, France, Turkey
Politics	Denmark, Poland, Portugal

Transatlantic & Australasia Study Abroad Programmes (for 2014/15)

Bachelor of Arts/Bachelor of Design (BA/BDes) from Duncan of Jordanstone	Australia, Canada, USA, Hong Kong, New Zealand
Bachelor of Accountancy (BAcc)	Australia, Canada, USA
Bachelor of Engineering (BEng)	Australia, Canada, USA
Bachelor of Science (BSc)	Canada, Hong Kong, Singapore, USA
Master of Arts (MA)	Australia, Canada, Hong Kong, USA
MArch Architecture	Australia

Fees & funding

There have been many changes to the arrangements for funding UK students entering higher education in recent years, particularly with the varying systems across the UK introduced from 2012/13 onwards.

The information given below is correct as at December 2014 and is a basic summary of the arrangements for the 2015/16 academic year. For specific details of tuition fees charged for each course in 2016/17, please visit the relevant programme webpages.

Your main costs will be your tuition fees, your accommodation, materials for your course (books, stationery etc.) and your cost of living including food, transport and, of course, social life.

Students coming to Dundee from Scotland

Tuition fees (for 2015/16):

- £1,820 per year
- The full cost of tuition is met by the Scottish Government by applying to the Student Awards Agency for Scotland (SAAS).

Living costs:

The total support package may consist of a bursary, parental contribution and student loan depending on your individual situation. You should apply to the Student Awards Agency for Scotland for financial support for living costs.

Further information:

Student Awards Agency for Scotland – www.saas.gov.uk

Students coming to Dundee from England, Wales & Northern Ireland (Rest of UK)

Tuition fees (for 2015/16):

- Usually £9,000 per year for 3 years (exceptions are MArch Architecture, MBChB Medicine, BDS Dentistry where fees are paid for each year of the course) but please visit programme webpages for full details.

- Students can apply to their relevant funding body for a tuition fee loan. Tuition fee loans are not means-tested, are administered by the Student Loans Company, are paid direct to the institution and are repaid in the same way as the student loan. Specific arrangements in England, Wales and Northern Ireland differ slightly but the full tuition fee amount will be covered.
- A package of bursaries and scholarships for rest of UK students is available. Please check <http://uod.ac.uk/rukfunding>

Living costs:

Students' total support may consist of a maintenance grant, parental contribution and student loan depending on an individual student's situation.

Whilst all three systems in the Rest of the UK are similar, the total amounts available might vary slightly.

Repayment of student loans

For 2015/16 onwards student loan repayments begin in the April after the student graduates or leaves their course, as long as they are earning over £21,000 p.a. Interest on the loan is linked to inflation, so that in real terms students only pay back what they borrow.

Please note that these arrangements may change in the future.

Further information:

Student Loans Company – www.slc.co.uk

Student Finance England – www.gov.uk/student-finance

Student Finance Wales – www.studentfinancewales.co.uk

Student Finance NI – www.studentfinancenl.co.uk

Students coming to Dundee from other EU member states

Tuition fees (for 2015/16):

- £1,820 per year

EU students can apply to the Student Awards Agency for Scotland (SAAS) to have their full tuition fees paid direct to the institution. In general, EU students cannot apply for student loans and general living cost support from SAAS. There have been recent changes to the EU regulations which can be complex. If you are NOT coming straight to Scotland to study having been living only in your home country, you are advised to contact SAAS for further advice.

Further information:

Student Awards Agency for Scotland – www.saas.gov.uk

Students coming to Dundee from other countries

Tuition fees:

Students normally resident outside the UK or EU pay tuition fees direct to the University at the overseas rate. Please visit our programme webpages for the specific tuition fees for each programme.

Living costs:

International students are not eligible for UK student bursaries and loans, however, specific scholarships for international students may be available.

Further information:

www.dundee.ac.uk/prospectus/overseasfees

Living costs

Dundee offers students a lower cost of living than most other parts of the UK; in fact, the cost of living in Dundee is approximately 14% lower than the UK average.

Estimated total cost of living for a single student can range from £7,000 to £8,000 per academic year.

However, expenditure will depend on a student's lifestyle and the funds available to them. The table below details a typical budget for a Dundee student living in University self-catering accommodation throughout a 39-week academic year.

Typical budget for a Dundee student living in University self-catering accommodation throughout a 39-week academic year

	£ per week	39 weeks
Typical rent (self-catering)*	128.73	5020.47
Food, drink	30	1170
Books, printing, equipment	12.50	487.50
Clothes	12.50	487.50
Travel	6	234
Laundry, toiletries etc	6	234
Phone	5	195
Extras	5	195
Total Expenditure	£205.73	£8023.47

* Price for campus standard ensuite accommodation in 2014/15.

Remember that University accommodation fees include the cost of utility bills such as electricity and personal contents insurance, whereas private accommodation does not. Please visit www.dundee.ac.uk/accommodation for full details of what's included.

Financial support offered by University of Dundee

In light of recent Scottish Government funding changes, we are offering a range of bursaries and scholarships which are designed to promote the diversity of our student body and emphasise our commitment to widening access and promoting academic excellence. This information is correct as of December 2014. For up-to-date information on all bursaries and scholarships available, please check www.dundee.ac.uk/prospectus/bursaries

Bursaries for Rest of UK (RUK) students

Upfront cash bursaries are available to support the living costs of students coming to Dundee from the rest of the UK. Eligibility is primarily based on significant family financial need and will be confirmed by the Student Loans Company.

Scholarships for Rest of UK students

The University of Dundee has established a range of undergraduate scholarships and bursaries designed to help students classified as Rest of UK (RUK) fee status entering the University for the first time in September 2015. These are cash awards and eligible students do not need to apply, but will be informed if they are successful. For more details visit <http://uod.ac.uk/rukfunding>.

Scholarships for international students

The University of Dundee has established a range of international scholarships designed to help students classified as Overseas fee status entering the University for the first time in September 2015. These are granted as deductions from the annual tuition fee and eligible applicants will be sent a link to apply online after they have made their UCAS application. For more details visit <http://uod.ac.uk/int-scholarships>.

Tuition fee guarantee for international students

Unlike most other UK universities, we have agreed a fee guarantee for international applicants to our undergraduate courses from 2015/16 onwards. This means that the entry year tuition fee you see on our course webpages is the same fee you will pay for each year of your course. We guarantee that this will not increase while you are studying with us. The only exceptions to this are our MBChB Medicine and BDS Dentistry degrees which charge a different tuition for the clinical years. For more details visit <http://uod.ac.uk/int-scholarships>.

Medicine and dentistry

The Dow Memorial Trust awards a small number of scholarships up to £2,000 per annum for each of the 5 years of study, subject to a satisfactory academic record. All applicants awarded a place can apply and will be sent an application form automatically.

Sport scholarships@ise

Sportscholarships@ise complement our work at national level and are designed to empower talented student athletes to successfully combine academic study with high levels of competition.

The Institute of Sport and Exercise (ise) offers sport scholarships for talented athletes who demonstrate a high level of commitment and potential to perform at National level and beyond. The support offered includes: funding, academic flexibility, sports science support, strength and conditioning, branded clothing and an ise gym+ membership.

For more information or to apply for a scholarship please visit: www.dundee.ac.uk/prospectus/sportscholarship

Organ and choral scholarships

Scholarship holders will receive free music tuition in return for participating in University musical events. The organ scholarship also carries an honorarium of £300 p.a. and the choral scholarships an honorarium of £200 p.a. The choral scholarships are jointly funded by Dundee Parish Church (St Mary's) so as part of the scheme, you will be required to sing in the church choir on a Sunday morning (during the semester). www.dundee.ac.uk/prospectus/musicscholarships

Part-time work

Although the cost of living in Dundee is relatively low, increasing numbers of students are undertaking part-time employment to supplement their income. The Careers Service and the Students' Union (DUSA) can provide guidance in this area, both in terms of job opportunities and the number of hours that can be worked safely without adversely affecting your studies.

EU and international students are also allowed to work part-time for a maximum of 20 hours per week during the semester and full-time in holidays, although this is dependent on your visa restrictions.

further information: www.dundee.ac.uk/careers
www.dusa.co.uk

Alternative sources of funding

The University distributes the Higher Education Discretionary Fund and the Higher Education Childcare Fund, both of which are open to students funded by the UK system.

Further information: www.dundee.ac.uk/studentfunding

Further education college students & staff

Information for students from further education college

The University of Dundee has strong links with Scotland's colleges and with many of the FE colleges in England, Wales & Northern Ireland.

We have articulation agreements in place which allow students to identify a clear progression route from their college into a wide range of the University's degree programmes. These articulation agreements state the required entry conditions for a particular degree programme, for example, which HNC/HND courses are relevant, the specific grades in particular units you need to achieve, whether you need to submit a portfolio or have relevant work experience etc.

Advanced entry into Levels 2 or 3 for some degree programmes is possible if you have gained the required academic grades in your Scottish Wider Access Programme (SWAP), HND or BTEC diploma courses. For further details see the Other Qualifications table on pages 134 - 137.

Student shadowing

If you are in your final semester at college, are thinking of applying, but are still not sure if you have chosen the right subject, then joining one of our students and spending time 'shadowing' them for a day might be for you!

It is a perfect opportunity to experience university lectures, tutorials or workshops first hand and offers you a unique insight into the whole student learning experience.

Visit www.dundee.ac.uk/studentshadowing for more details.

Supporting our further education college students

The transition from college into higher education can be challenging and yet very rewarding, not least when you eventually graduate from the University of Dundee.

There is no doubt you will experience different styles of teaching and learning at university from what you may have already experienced at college, and a lot of terms used here may be unfamiliar. However, you will soon adapt to these different styles.

Depending on the degree you choose, you will attend lectures in our state-of-the-art lecture theatres, take part in small group tutorials, study independently in our newly extended main library, use My Dundee, our Virtual Learning Environment (VLE), or possibly even take part in field trips in Europe or the USA. See page 144 for more information about learning and teaching.

Many students from college feel they need a bit of extra advice or an opportunity to advance their academic skills when they first start university. We have a range of support services available on campus, offering both face-to-face and online support. See page 147 for more details about our support services.

Information for further education college staff

We have a dedicated team who will offer UCAS and articulation advice to applicants, and give presentations in the FE colleges.

Currently we offer the following presentations to FE colleges:

- Pathways from college to the University of Dundee
- UCAS application to the University of Dundee

If your college does not yet have a formal articulation agreement with the University of Dundee, please contact us to discuss the opportunity for establishing these clear progression routes for your students onto our degree programmes.

Further information

www.dundee.ac.uk/prospectus/fe

For all FE college enquiries from students and staff email us at: fecollege@dundee.ac.uk

International community

We welcome students to our courses from all over the world, with students from 84 countries creating an international community which benefits all of our students. Our International Team will provide you with a responsive and understanding service from initial enquiry through to matriculation as a student. Thereafter, our International Advice Service will look after you.

Please visit www.dundee.ac.uk/study/international for more detailed information for prospective international students.

Advice on entry qualifications

Because of our strong reputation, entry to all our courses is competitive. Whatever qualifications you have, we look for good passes which would gain you entry to a degree course in your home country.

We are pleased to consider applications from students seeking entry to Level 2 or Level 3 of our courses.

Contact the International Team giving full details of your qualifications, with marks or grades obtained. You can also meet us in your country, register for one of our webchats or find out more at www.dundee.ac.uk/prospectus/yourcountry

English language proficiency

If English is not your first language you must provide documentary evidence of your ability in English by obtaining a recognised English language qualification. Details of our English language requirements can be found here: www.dundee.ac.uk/prospectus/english.

You may also wish to develop your English language further before you begin your degree course. We offer a range of International Foundation and English support courses depending on your ability. Please visit www.dundee.ac.uk/prospectus/foundation for more details.

Tuition fees, living costs and scholarships

All students or their sponsors must pay tuition fees as well as their full living and travel expenses. Students normally resident in EU states are treated on the same basis as Scottish domiciled students for fee purposes (see page 141) while students from outside the UK or EU not normally resident here pay fees at the overseas rate. Information about fee levels, estimated living costs and overseas student scholarships is available from www.dundee.ac.uk/prospectus/overseasfees.

Application procedure

You should apply online through UCAS, the Universities and Colleges Admissions Service (see page 140).

Application procedure for study abroad and non-graduating students

If you wish to study on a non-graduating basis, you should not apply through UCAS. Discuss your plans with the appropriate person in your home university and then complete an online application www.dundee.ac.uk/prospectus/studyingabroad

Accommodation

Our Residences Office takes special care in allocating accommodation for students from overseas, especially students arriving in Dundee for the first time.

We guarantee to provide University accommodation to individual students who apply before the deadline.

In accordance with current students' preferences all our accommodation is self-catering which allows students who may require a special diet to prepare their own food. Local shops and supermarkets supply international food and cooking ingredients and the city has many restaurants serving food from all over the world. See page 139 for further details.

Meet & greet services

Arrangements can be made to meet international students (from countries outside the EU) on their arrival at Edinburgh Airport immediately before the start of the semester.

Please visit www.dundee.ac.uk/prospectus/pre_arrival for more details.

International Advice Service

Our International Advice Service helps our international students settle into Dundee by organising cultural excursions and opportunities to meet other students during the first few weeks, and is available to give advice on a range of issues, such as visa extensions, throughout the year.

Previously, our international students have enjoyed a Scottish Ceilidh (dance), a visit to Glamis Castle and a weekend trip to the Highlands.

www.dundee.ac.uk/international/support

Student life

Within the Students' Association there are many student societies of interest to international students. There are also informal groups of students from different countries who help to support each other and keep in touch with their home countries and embassies.

The University provides students with facilities for prayer and reflection in the Chaplaincy. The local community also has places of worship for Christian, Jewish, Muslim, Buddhist and Hindu faiths.

contact: International Team

tel: +44 (0)1382 388111

www.dundee.ac.uk/study/international

Learning & teaching

Learning together

Our degree courses are taught as modules within a two-semester academic year. The modules you choose will be approved by your Adviser of Studies in your School to ensure that your choices fit well with your degree programme. You will be given further academic guidance by lecturing staff who will monitor your progress and performance on their modules.

- **lectures** form the foundation of your studies. Typically they are 50 minutes long and introduce you to the main themes of your course in the form of exploration of fundamental topics, new ideas, concepts and specialist critiques. You will be expected to take your own notes in lectures, although some lecturers may provide handouts or PowerPoint slides that are made available before or after the lecture through My Dundee,

our online virtual learning environment. In addition, you will generally be expected to undertake further reading and research on lecture topics in your own time.

- **tutorials** are meetings of a small number of students with a tutor or lecturer. Tutorials take different formats depending on your course of study. For some subjects these are open discussions led by the tutor where all students are expected to participate and give their views. In other subjects, these can be working sessions to cover prepared examples – such as in maths, accountancy or engineering – and so provide opportunities for personal tuition.
- **practical & laboratory sessions** are occasions when students work on a series of set problems under laboratory conditions. These are most common in subjects such as the sciences, engineering and psychology. These sessions give you the chance to apply the theory to practical situations. You will need to maintain a lab notebook and may be assessed on the results of your work in these sessions.

Learning independently

Becoming a student places you in a new role where what you learn and how you learn it is a matter of personal choice. You will be encouraged to approach learning in ways that suit your individual learning style.

Our facilities are designed to assist you to do this so that you can develop your potential in ways that suit you best.

Assessment

University learning is increasingly diverse and you will be set course assignments at the outset of your module course with clear deadlines for submission. You will be given learning objectives so that you know what is expected of you. A range of activities will also be assessed. For example, your participation in group discussions in lectures, tutorials and online discussions as well as your written work will contribute to your final marks.

- **coursework** takes many forms. For example, a nursing student might be required to write a case study, an engineering student might prepare a set of worked examples while a science student may be required to write a report based on a laboratory experiment, a humanities student may have to write an essay and a student teacher might have to submit a lesson plan. Once written work is graded, you will receive detailed feedback from the tutor or lecturer who has assessed your work.
- **projects** are longer pieces of work that may include presenting a portfolio of studio work or an in-depth analysis of a particular research area or specific topic.
- **oral presentations** are often part of the formal assessment of a course where you have to prepare a paper or presentation to deliver to your fellow students in a tutorial.
- **discussion participation** is an integral part of your university education. You will be encouraged to present and defend your own views based on your own understanding and research of the subject under consideration as well as challenging the views of your colleagues and even your tutor. This is all part of your graduate training and hence in many modules you will be assessed on the contribution you make to the discussion.

Participating in university policy-making & evaluation

Each student has a role to play in developing and extending the style and delivery of learning. To this end, the University has a number of ways of including students in the process of evaluating and shaping the process of learning.

- **Student representation** is intended to provide students with opportunities to make their views known at class and School levels. Class Reps are elected for each module and report to School Presidents who feed these opinions and suggestions to the executive of Dundee University Students' Association (DUSA) for further discussion and action.
- **Quality Assurance** is an essential dimension of the University's aspiration to provide high-quality teaching. Your lecturers routinely review their performance in teaching and react appropriately to comments from surveys and staff-student liaison committees which form a key component in maintaining and improving learning experiences for all.

www.dundee.ac.uk/prospectus/yourstudies

Parents information

We have listed some of the questions that we typically receive from the parents of prospective students. Of course, if you have any queries which are not covered below, please do not hesitate to contact us at contactus@dundee.ac.uk

Finance

1. How expensive is the cost of living in Dundee?

The cost of living in Dundee is approximately 14% below the national average.

2. How much do typical students spend each year whilst studying at Dundee?

We canvassed some of our students and put together a typical student budget detailing what students typically spend per week and over the academic year. This table can be found on page 142.

3. Are there any additional studying costs that students should be aware of?

Additional studying costs will depend on the course that a student is undertaking. For example art and design students will have to make a contribution to their materials and medical students will be responsible for providing some basic equipment.

In general, students will have to consider the cost of books, printing and photocopying. For more information, please see the student budget on page 142.

4. How can I find out about the bursaries/scholarships available?

We list information regarding the bursaries and scholarships we offer on our website at: www.dundee.ac.uk/prospectus/bursaries or see page 142. In most cases students will be eligible to apply as soon as they have firmly accepted an offer from Dundee.

5. My family has lived and worked outside the UK for 3 years. Can my child, a Scottish citizen, claim for fee payment through SAAS?

Any queries regarding fee payment or student loans should be directed to SAAS through their website: www.saas.gov.uk.

6. How easily can students find part-time work?

Dundee has more students per head of population than any other Scottish city. This fact is recognised by local employers who employ students for a range of part-time positions. Students can find out about current vacancies on the Careers Service Jobshop database. For more information please visit www.dundee.ac.uk/careers

Student residences

7. How much do the student residences cost? How can payment be made?

The cost of student residences will differ each year. The cost of a standard ensuite room on campus for students in 2014/15 was £5020.47 for 39 weeks. Once students apply for a place in accommodation they are asked to pay a booking fee and are offered two payment options: one-off payment or by instalment. For more information please visit www.dundee.ac.uk/accommodation

8. What does the cost of student residences include?

The price for student residences includes: rent, utilities, personal contents insurance, IT connection and wifi. For more information please visit www.dundee.ac.uk/accommodation

9. Are there additional costs to be met in student residences?

If students wish to keep a television in their room in residences they will have to pay for their own TV licence. Students have to provide their own bedding, towels and crockery, but can purchase a bedding pack if they wish. Coin operated laundry facilities are available in each residence. For more information please visit www.dundee.ac.uk/accommodation

10. Can students park their car on campus?

Parking on campus is limited and student parking permits are generally only considered for students with mobility needs.

11. How secure is the University campus?

The security of staff and students is of paramount concern to the University and a comprehensive network of security measures are in place to ensure that Dundee remains one of the safest places to study in the UK. A 24-hour manned security station at the heart of the city campus coordinates regular security patrols by uniformed officers, while numerous CCTV cameras at strategic external locations complement systems located in all University buildings. In addition, all residences have security door entry, emergency telephones, Student Support Assistants and bicycle storage facilities. For further information, please visit www.dundee.ac.uk/prospectus/security

12. How does my child apply for a place in student residences?

Applications for student residences are sent out by the Admissions Team via email normally from April onwards to any students who firmly accept their offer at Dundee. Students can list preferences on their application and the Residences Office will do their best to accommodate their needs.

Applications

13. Once an application is submitted through UCAS, how quickly will a decision be made?

Please see 'making your application' on page 34 which explains how we deal with each application.

14. If applying for a vocational degree, how much work experience is required?

For some degree courses, prior work experience is essential to prove that you can cope with various elements of the course. The type and amount of commitment that a prospective student employs will depend on the course to which they are applying. A general rule would be to gain as much experience as possible; there should be no ceiling on learning. In many cases, our vocational degrees are high demand courses and each prospective student is in competition for their place. The more work experience they are involved in, the better the opportunity to highlight their suitability for their chosen role.

15. My child has not met the requirements for medicine/dentistry/education etc. What can they do now to achieve a place on the course?

If a prospective student is unsuccessful in their application but is determined to enter their chosen profession they have a few options. Firstly they should gain feedback on their application and/or interview and ascertain the reasons for their initial unsuitability. They can ask advice on what they can do to give them a better chance at re-application. They could consider sitting a related first degree and pursuing their professional qualification at postgraduate level e.g. sitting a life sciences degree and then studying medicine as a graduate student. Finally, they could consider a related profession e.g. if the student is keen on the health professions, they could consider a career in nursing as an alternative to medicine.

Induction

16. How can my child best prepare for starting university?

We give all applicants access to *My Dundee for Applicants*, our virtual learning environment, as soon as we receive their application. We advise applicants to log on regularly to check for additional information about their course, the campus etc throughout the application process.

During the summer we start to add information about reading lists, welcome events, matriculation and activities in Welcome Week so that all our new students can be as well prepared as possible before they arrive. The discussion forum feature on *My Dundee* also allows applicants to communicate with each other online, and many new students 'meet' their flatmates virtually before setting foot on campus!

17. How can I find out more about what life will be like for my child at Dundee?

During the first weekend of Welcome Week we run presentations for parents, guardians and other family members to give an overview of student life at the University of Dundee. These sessions will be advertised on our welcome website and all are welcome to come along and ask any questions you might have.

18. My child will be living at home, not in university accommodation, and I'm concerned they will feel isolated in Welcome Week.

Before the start of Welcome Week, we invite all new students who live in the local area to come to an informal welcome evening on campus. This allows students who live at home to meet each other before classes begin.

Studying

19. How many hours per week should students allocate to their studies?

This question is course specific but, in general, Level 1 students should expect to spend 40 hours per week on their studies, including contact time (lectures, tutorials etc), preparation, assessment and revision.

20. How many students do you teach?

At Dundee we teach around 18,000 students. Approximately 9,000 of these are undergraduates.

21. How many students apply for advanced entry each year?

Approximately 10% of our applicants apply for advanced entry.

22. What measures are in place to help my child if they fall behind in their studies?

Every student is assigned an Advisor of Studies to ease them through all academic matters during their university career. In times of difficulty their Advisor would be their first port of call.

The University's Academic Skills Centre offers a number of courses and opportunities to improve upon academic skills. To find out more, please visit: www.dundee.ac.uk/lasc

Graduation

23. How many graduates enter into employment following graduation from Dundee?

93.5% of our graduates enter employment or further study 6 months after graduation. Approximately 82% go into graduate-level jobs, ranking the University in the Top 20 by the Sunday Times University Guide 2013. For more information please visit: www.dundee.ac.uk/careers

24. What level of starting salary can my child expect following graduation from Dundee?

Starting salary will be dependent on the course and career that a student has chosen. The Sunday Times University Guide 2014 quotes an average first job salary of £21,569 for Dundee graduates.

School & careers staff

Information & services available to careers advisors

Admissions & Student Recruitment staff are keen to ensure careers advisers are provided with all the information needed to allow applicants to progress to university easily and happily. We work closely with staff in schools, sixth-form colleges, further education colleges and careers organisations providing information, advice and guidance.

Our team of experienced Engagement and Recruitment Officers is very happy to visit your school or college and deliver a range of engaging presentations to your students.

Popular presentations include:

- 'The Benefits of Higher Education'
- 'Application Procedures and Completing the UCAS Application'
- 'Preparing for Interview'
- 'Student Life'
- 'Student Finance and Welfare'
- 'Alternative pathways into HE'

Our Recruitment Officers are an integral part of the admissions process and are therefore excellently placed to advise students on their UCAS application and the personal statement in particular.

We also offer a range of interactive workshops, from sessions on student finance to aspiration raising workshops with younger pupils who may otherwise not consider further study.

Alternatively, the team will visit your careers or parents' evening to offer information on the University of Dundee's many undergraduate courses and our entry requirements. Our pocket-sized *Guide from Application to Arrival* has been used by many schools to give parents specific information about the whole application process.

Access for all

Becoming a student is an exciting and challenging decision. To help potential students through this important phase we offer specific activities geared towards widening participation. Our Recruitment Team are available to speak to you and your colleagues, or directly to pupils, about these initiatives – DUAL Summer School, Discovering Degrees for Schools and our online programme, Discover Learning at Dundee. Please see page 139 for more information or find out more online:

DUAL summer school -

www.dundee.ac.uk/prospectus/dual

Discovering Degrees for schools -

www.dundee.ac.uk/prospectus/discoveringdegrees

Discover Learning at Dundee -

www.dundee.ac.uk/prospectus/discoverlearning

We are proud of our close links with our careers colleagues, and we always hope to develop new ones and enhance the range of services we offer to schools and colleges. We encourage all careers staff to contact us if there is any other service you would like us to offer.

tel: 01382 384026

email: recruitment@dundee.ac.uk

www.dundee.ac.uk/prospectus/schools

Support services

The University of Dundee offers a wide range of services to support our students. This can include academic, personal or financial support and guidance and is delivered by the following teams. Please see the individual websites for more information.

However, if you are not sure where, what or who to ask - contact the Enquiry Centre. The Enquiry Centre is a 'first stop shop', here to help with all queries, support and advice. Whether it's travel advice or information regarding accommodation, money issues, study support or wellbeing advice they can help or put you in touch with the appropriate service. You can find the Enquiry Centre in DUSA, come along and have a chat!

email: enquiry@dundee.ac.uk

Academic skills centre

www.dundee.ac.uk/lasc

The Academic Skills Centre (ASC) works closely with Schools by providing in-course tuition in a range of learning skills as these apply to your modules and related coursework. In addition, ASC can help you individually with personal tutorials on making and taking notes, academic reading, all aspects of academic writing including essay, report, projects, dissertations and theses, preparing for exams and resits, making presentations, time management and general academic development.

Careers

www.dundee.ac.uk/careers

The Careers Service aims to enhance the employability and career development of University of Dundee students and graduates. Please see page 16 for more information.

email: careers@dundee.ac.uk

Chaplaincy

www.dundee.ac.uk/chaplaincy

The Chaplaincy Centre is situated right in the heart of the city campus and its facilities and resources are available to students of all faiths or none. You don't have to be religious to visit the Chaplaincy; it is a relaxing and friendly place and hosts many social activities during semester-time.

In fact, during the course of a normal week over 2,000 people use the Chaplaincy ranging from mature students, religious groups, University choirs, discussion groups and debates to the occasional ceilidh.

Facilities include a chapel, a coffee bar, quiet room and meeting room. During Welcome Week and throughout the semester the Chaplaincy holds various events, so please come in and see what is on offer. We provide a multicultural and supportive environment so whoever you are and wherever you come from you will always be welcome in the Chaplaincy.

Counselling

www.dundee.ac.uk/counselling

The Counselling Service offers students the opportunity to talk over a worry with someone in confidence. It isn't just a place to come when you experience problems. The Counsellors can help students settle quickly into life at university, enjoy the challenge and fun of university life and be effective in their academic work.

email: counselling@dundee.ac.uk

Disability

www.dundee.ac.uk/disabilityservices

All disabled students are encouraged to contact Disability Services as soon as possible to enable the provision of support to meet their individual disability-related needs. This includes specialist support for students with dyslexia and those with mental health difficulties. Dedicated IT facilities with a range of assistive technology are also available, as is confidential advice on a wide range of disability issues from our team of friendly professional staff.

email: disability@dundee.ac.uk

International advice service

www.dundee.ac.uk/international/support

Our International Advice Service helps our international students settle into Dundee by organising cultural excursions and opportunities to meet other students during the first few weeks, and is available to give advice on a range of issues such as visa extensions throughout the year.

Previously, our international students have enjoyed a Scottish Ceilidh (dance), a visit to Glamis Castle and a weekend trip to the Highlands.

email: internationalsupport@dundee.ac.uk

Nursery

www.dundee.ac.uk/childcare

The nursery is supervised by qualified staff and cares for children aged 2-5.

It is open from 8.15am to 5.15pm. However, places are limited and if students have young children and would like to use the nursery on a morning, afternoon, full-day or part-week basis, they should apply early to reserve a place.

Peer connections

www.dundee.ac.uk/student-services/pconnect

Peer Connections is a welcoming, buddying and mentoring scheme open to all students to help you settle in, show you around, meet, mix and share information and experiences with other students.

Peer Connectors are trained student volunteers who will listen to any concerns you have, provide support and give information.

They are around throughout the year on campus, in the student residences and run regular drop in sessions. Peer Connections organises buddy groups for new students and also offers pre-arrival contact.

email: peerconnections@dundee.ac.uk

Student funding

www.dundee.ac.uk/studentfunding

The Student Funding team provides information, advice and guidance on various aspects of student funding specifically and on money matters in general. All prospective and current students are encouraged to access their services.

They offer a wide range of advice on issues such as:

- applying for student funding
- the student loan system
- the Higher Education Discretionary and Childcare Funds
- student bank accounts
- debt issues.

email: studentfunding@dundee.ac.uk

Student support worker

www.dundee.ac.uk/student-services/supportworker

Primarily focused on new students living in university accommodation, the Student Support Worker deals with well-being issues arising during the transition to university life and provides referral to other support services as required. Each residence has a Student Support Assistant who deals with any issues which affect the welfare of residents, such as loneliness, flat disputes, or noise-related issues.

University health service

www.dundee.ac.uk/healthservice

The University Health Service offers assessment and treatment of both general and mental health problems, as well as advice on a range of health related topics. Appointments are available daily during the semester by arrangement. A confidential mental health nursing service is also available. The University Health Service operates in addition to the facilities provided by the National Health Service and, as many specific treatments can only be accessed via your own doctor, students must register with a local General Practice when they arrive in Dundee.

Useful contacts & dates

General information

Course information - admissions enquiries

Admissions and Student Recruitment
University of Dundee
Nethergate
Dundee DD1 4HN
tel: +44 (0)1382 383838

email: contactus@dundee.ac.uk

website: www.dundee.ac.uk/study/ug

Clearing

Visit our course vacancies web page during August and September at: www.dundee.ac.uk/clearing

University of Dundee main switchboard

tel: +44 (0)1382 383000 **email:** university@dundee.ac.uk

website: www.dundee.ac.uk

UCAS telephone enquiries

Open Monday to Friday, 08:30-18:00 (UK time).

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 0371 468 0 468
- > from outside the UK dial +44 151 494 1260 (text phone) and then ask the operator to dial 0371 468 0 468

Calls will be charged at your standard network rate.

website: wwwucas.com

Important dates

Applications for medicine and dentistry

Please note that the closing date is 15 October 2015

Applications for all our other courses

Please note that the closing date is 15 January 2016

Visit opportunities

Our open days are an excellent way for you to see the University before you apply. Everyone is welcome to attend including school students, college students, parents, teachers and careers advisers. Booking is essential for all our open days. Further information and booking details can be found at www.dundee.ac.uk/prospectus/visits

Main open days in 2015 & 2016

Monday 31st August 2015

Saturday 26th September 2015

Monday 29th August 2016 (tbc)

Saturday 24th September 2016 (tbc)

Please check our website for a full list of subjects which will be available to visit on these days.

Friday 12th June 2015 (tbc)

Monday 31st August 2015

Monday 29th August 2016 (tbc)

> Medicine and Dentistry

Tuesday 27th October 2015

> Duncan of Jordanstone College of Art & Design (djcad)

Individual visits

While we encourage everyone to come to one of our main visits we recognise that this is not always possible. Individual visits take place almost every month. These visits include a tour of the city campus and university accommodation led by a Student Ambassador. Unfortunately we cannot guarantee a departmental visit on these days. Visit www.dundee.ac.uk/prospectus/visits for more information.

Applicants' visits

Unless you have been asked to attend for interview before an offer is made, you will receive an invitation to visit us after we have offered you a place and before you need to make a decision. Applicant visits usually take place in February and March each year with additional dates held in April. These visits are designed for you and your parents/guardians to visit the academic subject you have applied to, talk to academics and students and view our facilities. Further details will be sent to applicants once an offer is made.

For further information on all of our visits please contact:


Admissions and Student Recruitment

tel: 01382 385660 • **email:** visits@dundee.ac.uk


www.dundee.ac.uk/prospectus/visits

Keep in touch online

You don't have to wait for a visit day to find out what's happening at the University of Dundee. You can also keep up with us online at:


 <http://uod.ac.uk/facebook>

 <http://uod.ac.uk/twitter>

 <http://uod.ac.uk/youtube>

 <http://uod.ac.uk/pinterest>

 <http://uod.ac.uk/linkedin>

 <http://uod.ac.uk/googleplus>

Where we are

Dundee to...

- Edinburgh 64 miles (100km)
- Aberdeen 66 miles (106km)
- Glasgow 85 miles (136km)
- Belfast 220 miles (352km)
- Manchester 300 miles (482km)
- Birmingham 373 miles (596km)
- London 475 miles (765km)
- London Stansted Airport to Dundee 1 hour
- Kings Cross Station to Dundee 6 hours

by air

Dundee Airport (just 5 minutes drive from the University) runs daily scheduled flights to London (Stansted). Alternatively, Edinburgh International Airport provides a wider choice of destinations and is just an hour's drive away.

by train

Dundee is on the main East Coast route with direct services to Newcastle, York and London amongst others. Rail journeys to the other major cities in Scotland (Aberdeen, Edinburgh & Glasgow) take approximately 75 minutes. The train station is just a few minutes walk from the University.

More detailed information can be found on our website:

www.dundee.ac.uk/travel



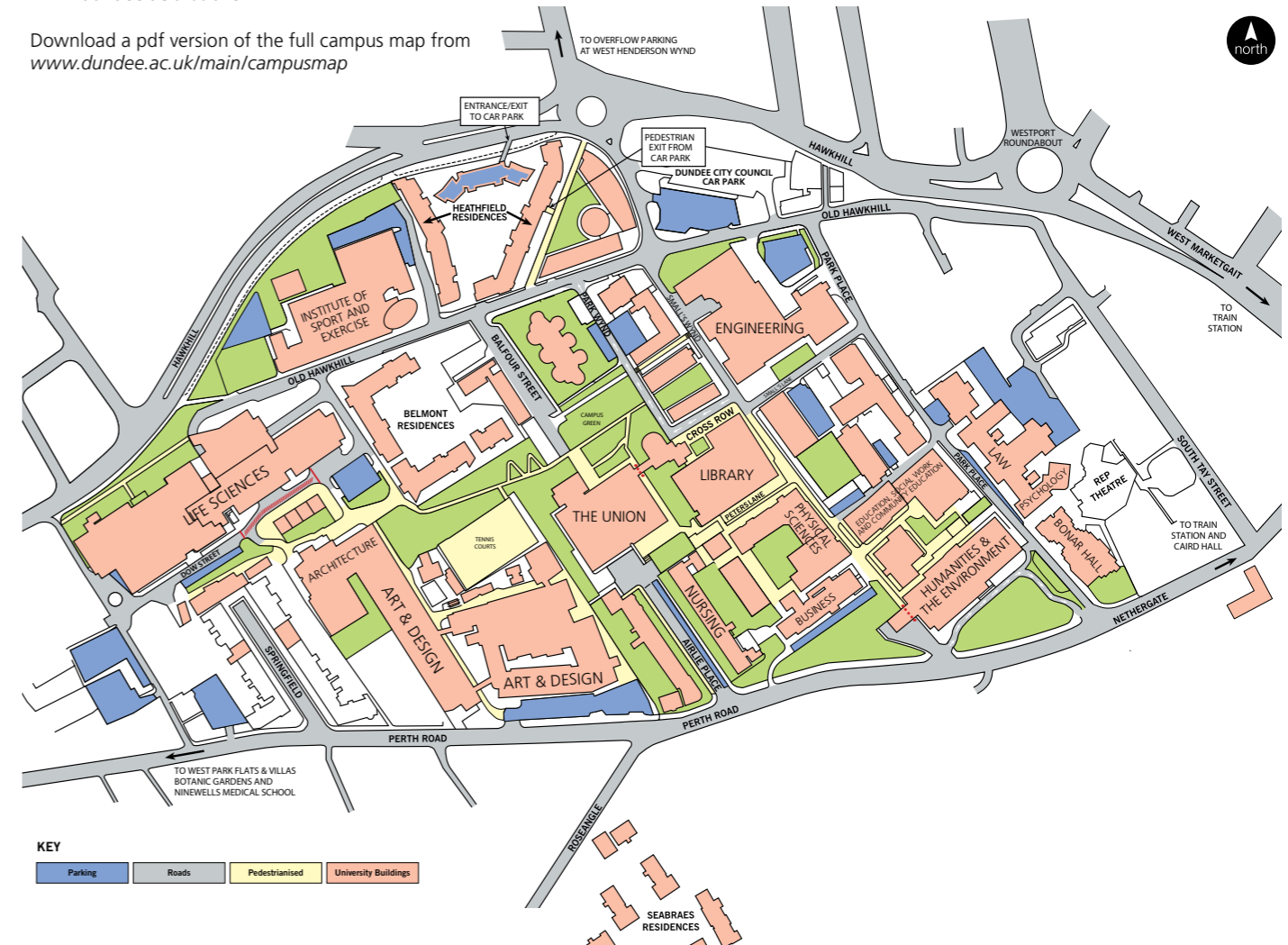
city campus map

- with main location of Academic Schools shown

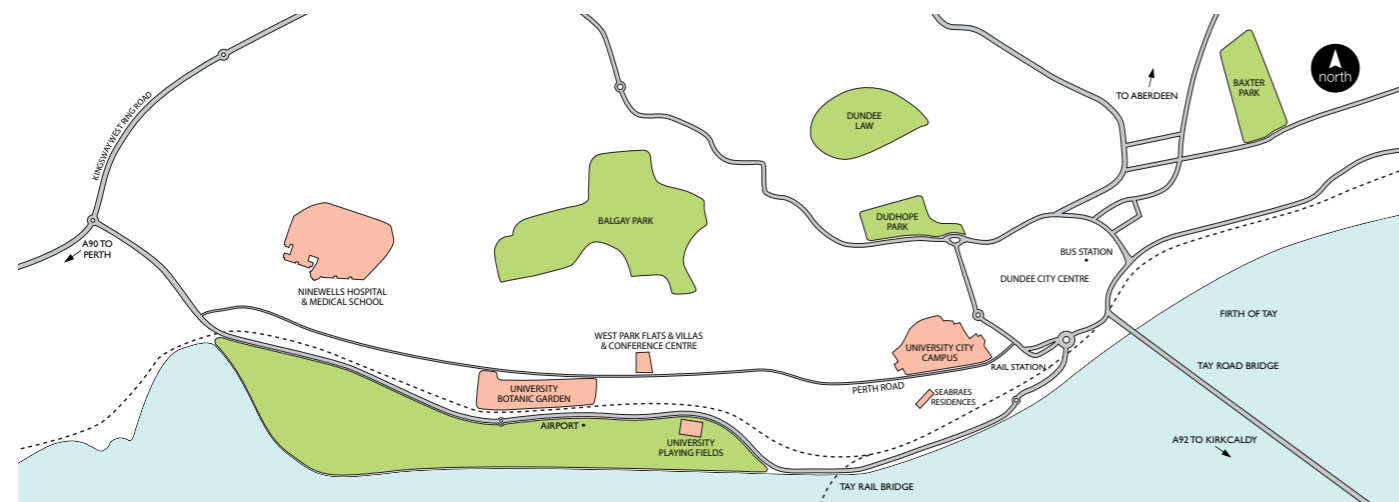
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For further directions and information please see www.dundee.ac.uk/travel

Download a pdf version of the full campus map from www.dundee.ac.uk/main/campusmap

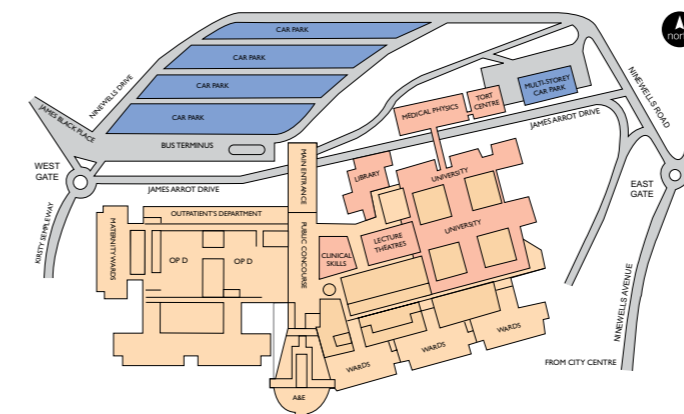


Dundee Area Map showing the location of the University



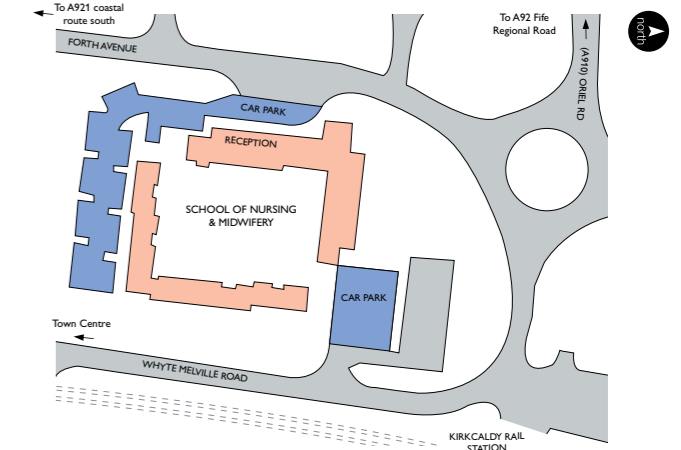
Ninewells Hospital and Medical School

SatNav ref: Ninewells Hospital or Ninewells Drive



School of Nursing & Midwifery, Fife Campus (Kirkcaldy)

SatNav ref: KY2 5YS



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Published by
Admissions & Student Recruitment at the University of Dundee

Designed by
design · print · marketing at the University of Dundee

Printed by
Sterling - www.sterlingsolutions.co.uk

Photography by
Indre Urbanaviciute, Lewis J Houghton - www.lewspics.com,
Shahbaz Majeed - www.framefocuscapture.co.uk, Dundee.com, V&A,
Ivon Bartholomew, Robyn Begg and Trevor Gordon.

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The information given in this prospectus was correct at the time of going to print (January 2015).



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