



Discover Life Sciences



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University
of Dundee

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Hello...

I'm Dr Kim Dale and I'm the Associate Dean for International in the School of Life Sciences. I am actively involved in research-led teaching at Levels 3 and 4, and I am the Admissions Tutor for the biological and biomedical undergraduate degree courses. As a Reader, the focus of my research is cell and developmental biology and I investigate how the body plan is laid down during embryogenesis.

As a university, our key purpose is to transform lives across the world through our teaching and research. Our curriculum focuses on giving students the skills and competencies that will provide our graduates with a competitive edge in the employment market. Researchers in the School of Life Sciences and the School of Medicine use their research to inform the teaching, which ensures our curriculum provides our students with cutting-edge material. This means our graduates are equipped with the knowledge and skills to make a real difference in our world and impact on the future health and wellbeing of mankind.

This brochure will share more details about our courses, rankings and gives our students' perspective, but if you need any further information, you can contact me directly using the details on the back page.

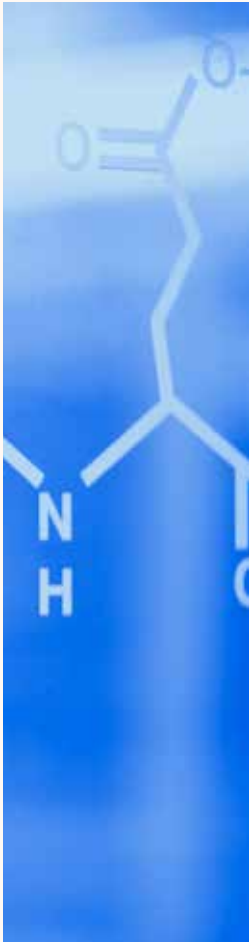
We are the No.1 destination in the UK for Life Sciences

Why? Because we are committed to inspiring, educating and training the next generation of world-leading biological and biomedical scientists through robust, research-led teaching.

Real-world impact

Over the next 20 years, biological and biomedical sciences will become increasingly important – particularly at a molecular and cellular level – as we find ways to diagnose and treat human diseases, and contribute to improvements in health, the economy and the environment.

Our researchers and academic staff are actively involved in collaborations with industry, clinicians, government and health organisations, including the NHS and charitable trusts. This, coupled with our focus on delivering courses that specialise in themes at the forefront of biological and biomedical research, means we are actively impacting on lives and the future of mankind.



our key purpose transform lives across the world

Our degrees and pathways

We offer a number of degrees with a broad-based core programme that allows you to develop skills and knowledge in the wider field of life sciences before specialising in your chosen area of interest.

Levels 1 and 2

Heavy emphasis on gaining core laboratory skills and learning a broad range of fundamental life science themes before you specialise in Level 3 and 4.

Level 3

Focus your study by choosing either a Biological Sciences or Biomedical Sciences pathway. Biological Sciences focuses on cellular and molecular biology, while Biomedical Sciences looks at researching new and improved ways to diagnose and treat human diseases.

Level 4

At this stage, you'll complete a specialist Honours project that will build on prior knowledge and skills while allowing development in advanced practical techniques, data interpretation, scientific writing, communication or literary analysis skills depending on the type of project undertaken.

Level 5

Following successful completion of Level 1-4, students can apply to undertake a Masters' degree as an additional year of study in a specialism of their choice. This is designed to increase practical ability through focused training in laboratory research and improve employability. Students develop their own research project, write this up in the form of a grant proposal, then carry out a five-month, full-time project.

The degrees we offer

BSc Honours Biomedical Sciences *
BSc Honours Neuroscience
BSc Honours Physiological Sciences
BSc Honours Pharmacology
BSc Honours Molecular Genetics
BSc Honours Biological Sciences *
BSc Honours Biochemistry
BSc Honours Biological Chemistry and Drug Discovery *
BSc Honours Microbiology
BSc Honours Molecular Biology

*Students undertaking these degrees may elect to spend a year in industry.



These degrees are all accredited by the Royal Society of Biology.

Degrees with a difference

We encourage our students to broaden their horizons and gain experience through the opportunity to:

- spend a semester or year abroad studying in one of our highly-ranked partner universities
- gain work experience by spending a year in industry
- undertake a summer placement in one of our internationally-renowned research labs
- join an interdisciplinary team and take part in international science competitions
- apply to undertake an MSci at Level 5, developing skills and enhancing employability and research opportunities.

Our flexible degree pathways allow you to choose the course content that suits your interests best. We also offer advanced entry to Level 2 or 3 for students who have completed relevant entry qualifications.



“I chose Dundee because when I looked at recommendations by UCAS, I wanted to pick a university that had life sciences courses that were top in the world. I’ve been exposed to a lot of practical, hands-on applications – they actually train students to be better at practical skills. The best thing about the University is the staff. I like how they are always ready to help us, especially international students. They ensure we feel welcome here.”


Farrah Mohd Zin, Biological Sciences student from Malaysia

Our courses focus on:

- Structure and normal function of the human body
- Effects of disease and ways to prevent and treat disease
- Anatomy in relation to health, disease and human identification
- Physiology from molecular level to the whole organism
- How the brain and nervous system function in health and disease
- How drugs work

Our degree pathways are:

- Biomedical Sciences BSc (Hons)
- Neuroscience BSc (Hons)
- Pharmacology BSc (Hons)
- Physiological Sciences BSc (Hons)



“I’m from Singapore and I decided to study at the University of Dundee because it’s number one for biological science in the whole UK and I wanted to study somewhere in Scotland because I prefer a small, quiet town. I did my final year project at the Drug Discovery Unit where they have state-of-the-art facilities which are much more advanced than some of the other labs I have been in.”

Clive Lim, Biological Sciences student from Singapore

Our courses focus on:

- Molecular structures and interactions
- Fundamental processes in molecular and cell biology
- Biochemistry and cell biology
- Genetic systems, the genome structure, evolution, genetic markers and mapping
- Gene regulation and expression

Our degree pathways are:

- Biochemistry BSc (Hons)
- Biological Chemistry and Drug Discovery BSc (Hons)
- Biological Sciences BSc (Hons)
- Microbiology BSc (Hons)
- Molecular Biology BSc (Hons)
- Molecular Genetics BSc (Hons)



7 reasons to study Life Sciences at Dundee



1.

We're No.1 – literally!

Our courses are the top in the UK for Biological Sciences according to the Research Excellence Framework (REF 2014), which is a national assessment of the quality of research in UK higher education institutions.

The University of Dundee is also Scottish University of the Year 2017, meaning that it is ranked No.1 in The Times & Sunday Times Good University Guide for the second year running.

And don't think that Dundee just ranks highly on the academic side of things - our students' union is also No.1 in Scotland, according to the latest Times Higher Education (THE) Student Experience Survey.



Our teaching is at the cutting-edge of knowledge



2.

We're accredited by the Royal Society of Biology

Accreditation by the Society means our courses are recognised for their academic excellence as well as equipping graduates with the solid academic foundations and skills employers are looking for.



3.

Our flexible curriculum allows interdisciplinary learning

At Levels 1 and 2, all students study the same core modules, meaning you can choose the topics that fit your interests while gaining a broad understanding of both biological and biomedical sciences.

We also have a close working relationship with the University of Dundee's School of Medicine, which is linked to Ninewells Hospital, allowing interdisciplinary learning across real-world pharmaceutical and medical fields.

4.

Research-led excellence in teaching

Our internationally-acclaimed research staff design and deliver our courses at Level 3 and 4, ensuring our teaching is at the cutting-edge of knowledge in biological sciences and medicine, and is informed by our world-class research.

5.

Degrees with a real-world focus

We collaborate with the world's major pharmaceutical and biotechnology companies in the fight against diseases including cancer, diabetes, Parkinson's, malaria and neglected tropical diseases. This allows our students to explore real-world issues in the context of their studies.

6. Our graduate employability

We ensure that our teaching is relevant and provides our students with tangible skills that they can take into the workplace. Each year, within six months of finishing their studies, around 96% of our students are in employment or further studies.

7. Dundee is the most affordable city for students

A Royal Bank of Scotland report says students in Dundee find costs of accommodation and living to be better value than in any other Scottish city. Dundee is also a great place for international students – the International Student Barometer ranked us top university in Scotland for student satisfaction.

Students who come to study in Dundee enjoy being part of a vibrant local community in a friendly, safe and compact city. Our facilities are all on campus, which is just a few minutes' walk from the city centre.

The University has a bustling students' union, shops and accommodation all within easy reach of where you will have lectures – everything you need is close at hand. Our students' union is home to over 140 societies – from sports, subjects, and charities to hobbies, religion, and international groups: there's something for everyone.

Our accommodation is all single room occupancy, each with its own bathroom and shared kitchen and living areas. This means you can spend time getting to know your flatmates and still have your own personal space when you need it.

One other great thing about Dundee is the weather. Of course, it can be rainy from time-to-time – it is Scotland, after all! – but Dundee is actually the sunniest city in the country! Temperatures are around the mid-20s in summer and the rest of the year is a mild, pleasant climate. We often have snow in the winter months, too.



Student Life



“Dundee has definitely been quite an experience for me because it’s very different from home. I like how everything is easily accessible and of walking distance. It is a small city but you’d be surprised with the number of things there are to do. The weather in Dundee is beautiful and the view by River Tay is to die for! Personally, one of my favourite times of the year is spring because all you see walking around town are blossom trees and there’s something about it that’s just so calming.”

Nidhi Birla, Biomedical Sciences student from Hong Kong

The University of Dundee is located in the historic city of Dundee, on the banks of the River Tay, north-east Scotland.

The city is compact and easily reached by rail or public transport, and is conveniently located within reach of major cities like Glasgow and Edinburgh, and the picturesque Scottish Highlands are only a few hours away.

The city is a student-friendly one – around 1/3 of the local population is made up of students, and with campus being only a few minutes’ walk from the city centre, it’s easy to find your place in this vibrant, multicultural community.

Dundee is a city full of excitement and energy, focused on the multi-million pound development at the city’s waterfront. This site will play host to the only Victoria & Albert museum outwith London, and is set to become a huge draw for tourists after it opens in 2018.

Dundee to...

- 🚆 Edinburgh - 1 hour 10 mins
- 🚆 Glasgow - 1 hour 30 mins
- 🚆 Manchester - 5 hours
- 🚆 Birmingham - 5 hours 20 mins
- 🚆 London - 6 hours

Scottish Airport flights to:

- ✈ Amsterdam Schipol Airport - 1 hour 25 minutes
- ✈ Paris CDG Airport - 1 hour 45 minutes
- ✈ London Airports - 1 hour

