



Discover
Biological
Sciences &
Biomedical
Sciences

University
of Dundee





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University of Dundee

The University of Dundee's mission is clear: we transform lives, locally and globally, through the creation, sharing and application of knowledge. Our teaching and research is renowned for its quality. In the latest Teaching Excellence Framework, the UK's assessment of teaching excellence, we were awarded Gold, the highest category.

But we know our students don't just come to study with us because of these accolades. They want to be part of a university that values diversity and community, and provides students with opportunities to achieve at the highest levels.

Dundee is the place to do just that. We're based in a small city on the banks of the River Tay, with our campus only minutes from the vibrant city centre in one direction, and the serene, calming water in the other. If you're looking for a university to help you find your place in the world, Dundee is the place for you.

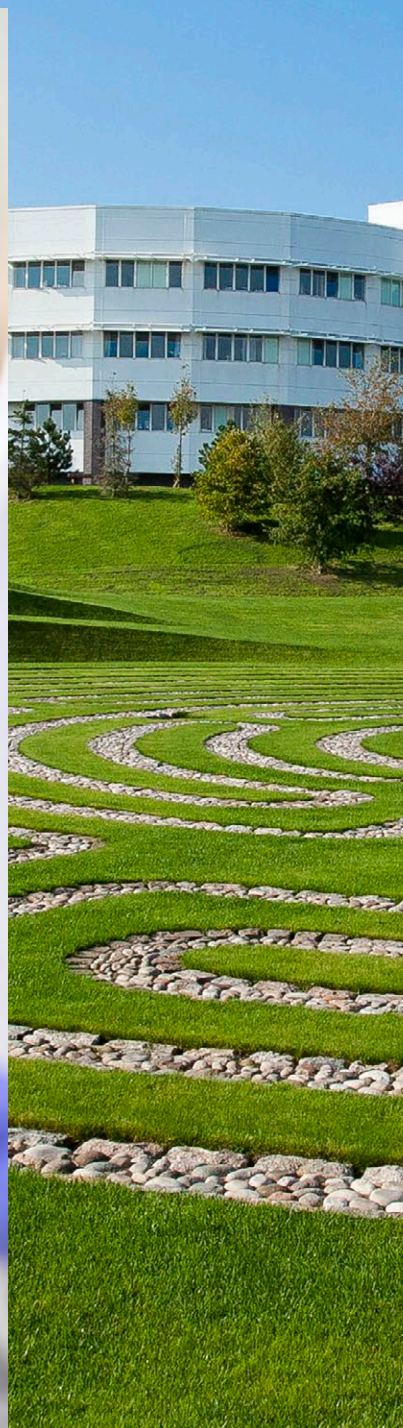


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Hello, I'm Dr Kim Dale and I'm the Associate Dean International and the Admissions Tutor for the Biological and Biomedical Sciences undergraduate degree courses.

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 their teaching, which ensures our curriculum provides students with cutting-edge material.

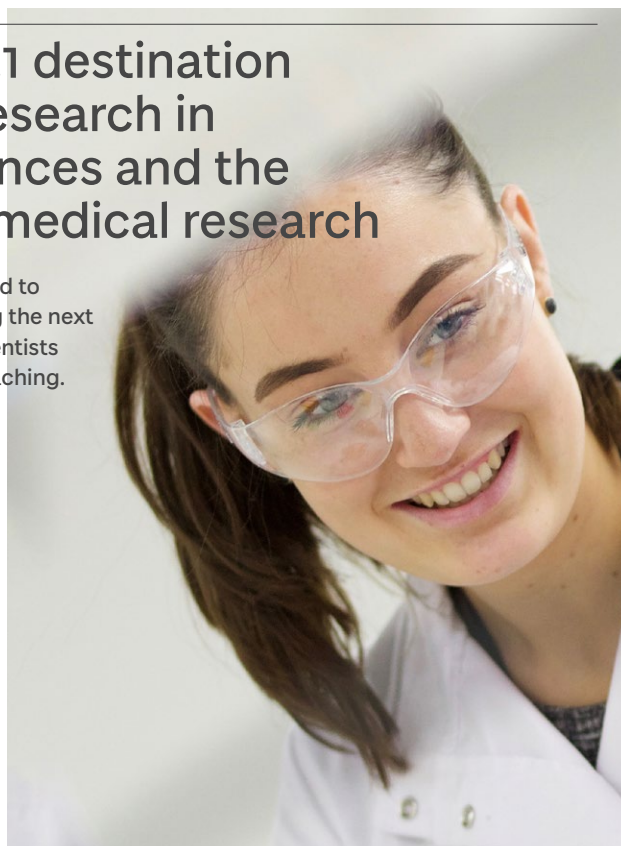
This means our graduates are equipped with the knowledge and skills to make a real difference in our world and impact on the future health and wellbeing of humankind.

This brochure will provide details about our courses: Biological Sciences, Biomedical Sciences, and our joint Undergraduate degree programme with our prestigious partner institution the National University of Singapore, ranked No. 1 in ASEAN and No. 12 in the QS World University rankings.

The brochure also gives our students' perspective, and provides information on our rankings. If you need any further information, please contact me directly using the details on the back page.

We are the No.1 destination in the UK for research in biological sciences and the impact of our medical research

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



Real-world impact

Over the next 20 years, biological and biomedical sciences will become increasingly important – particularly at the molecular and cellular level – as we find new 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 National Health Service and charitable trusts. Coupled with our focus on delivering courses that specialise in themes at the forefront of biological and biomedical research, this means we are actively impacting on lives and the future of humankind.

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 biological and biomedical 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 biological and biomedical 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 researching the cellular and molecular biology underlying key biological processes both in the normal and disease context, 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

This level allows students to undertake an integrated master's degree as an additional year of study in a specialism of their choice. It 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:

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

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
 MSci [‡] in related topics

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

[‡] Interim Accreditation

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
- apply to undertake an MSci at Level 5, developing skills and enhancing employability and research opportunities.

The format of our degrees also allow for flexible pathways where you can choose the course content that best suits your interests. We also offer fast-tracked entry to Level 2 or Level 3 subject to entry qualifications.



Biological Sciences

Our courses focus on:

- Molecular structures and interactions
- Fundamental processes in molecular and cell biology
- Biochemistry
- Drug discovery
- Microbiology
- Immunology
- Plant sciences
- 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)
- Joint Degree Programme with National University of Singapore in Biological and Biomedical Sciences BSc (Hons)
- MSci in related topics

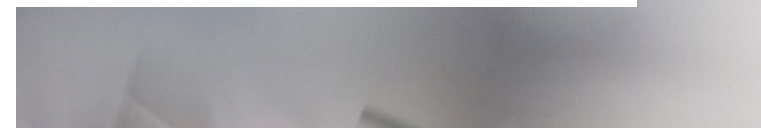
Biomedical Sciences

Our courses focus on:

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

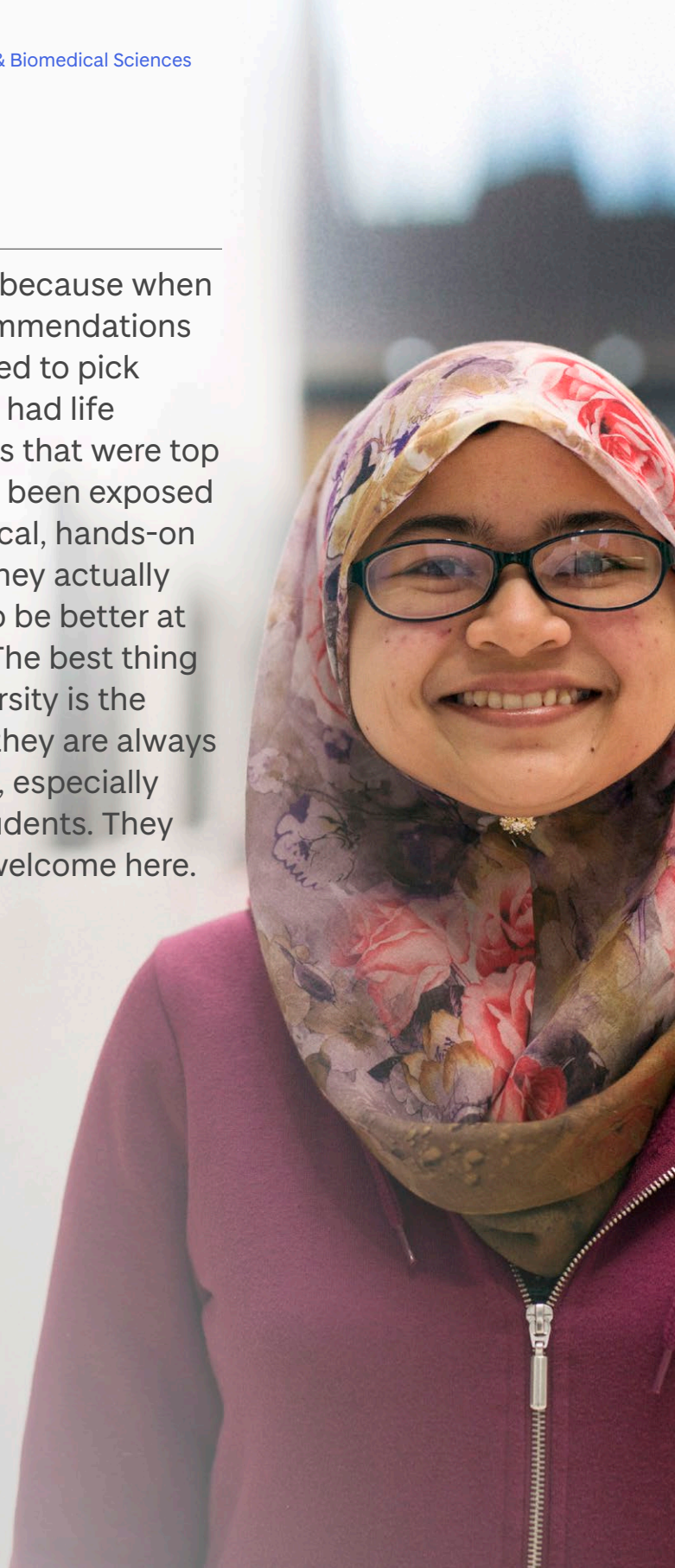
Our degree pathways are:

- Biomedical Sciences BSc (Hons)
- Neuroscience BSc (Hons)
- Pharmacology BSc (Hons)
- Physiological Sciences BSc (Hons)
- MSci in related topics



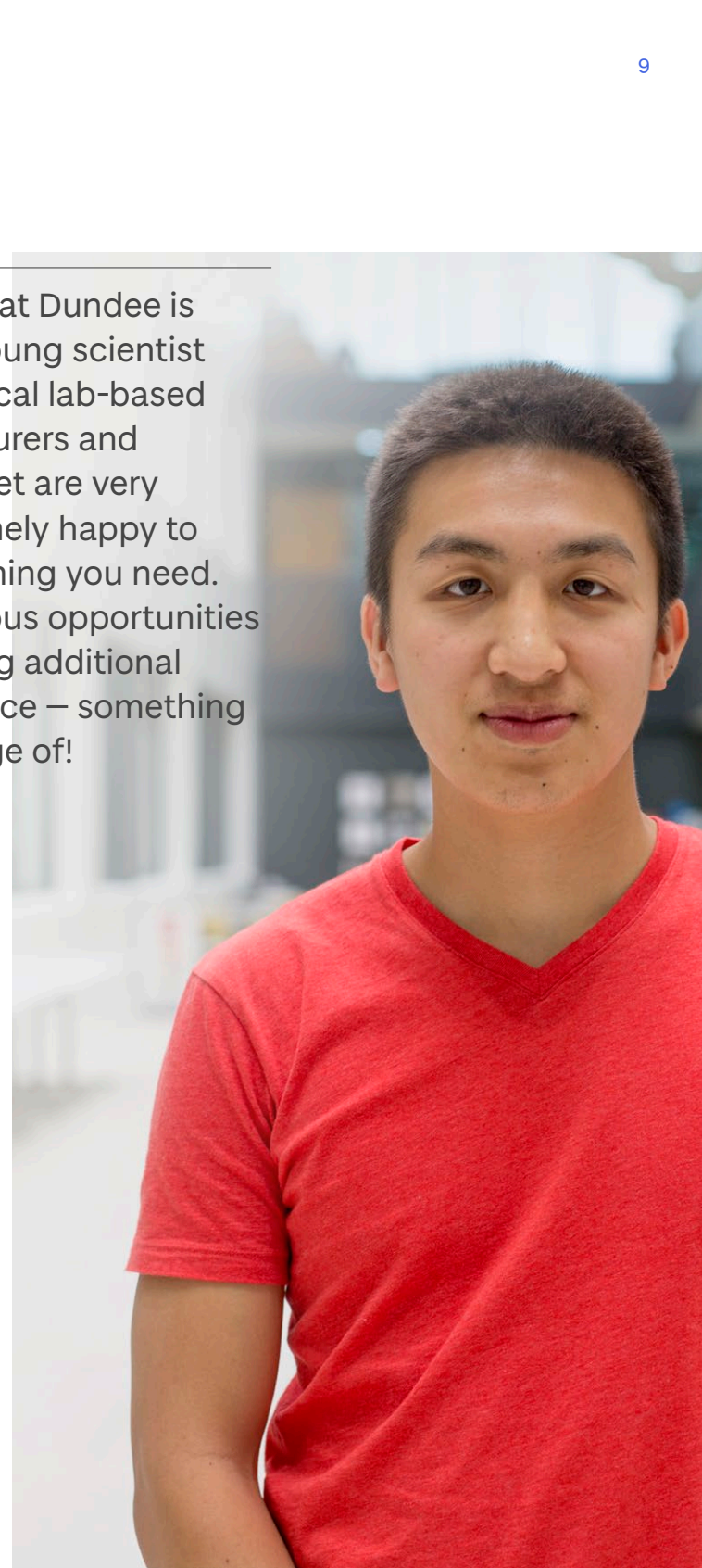
I chose Dundee because when I looked at recommendations by UCAS, I wanted to pick a university that had life sciences courses that were top in the world. I've been exposed to a lot of practical, hands-on applications – they actually train students to be better at practical skills. The best thing about 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,
student from Malaysia



The degree course at Dundee is fantastic for any young scientist looking for a practical lab-based approach. The lecturers and academics you meet are very friendly and extremely happy to help you with anything you need. There are also various opportunities available for gaining additional lab-based experience – something I've taken advantage of!

Brian Leung,
student from Hong Kong



7 reasons to study biosciences at Dundee

1 We're No.1 – literally!

We are rated top in the UK for the quality of our research in Biological Sciences, according to the most recent national research assessment exercise (Research Excellence Framework 2014). We are also ranked No. 1 for student satisfaction in Biology in the UK National Student Survey 2017. The University of Dundee has also been given a Gold award – the highest possible rating – in the 2017 Teaching Excellence Framework (TEF).

2 We're accredited by the Royal Society of Biology

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

3 Our courses are flexible and focused on your interests

At Levels 1 and 2, all students study the same core modules, so you have two years to make a decision on which degree you will graduate in. You can choose the topics that fit your interests while gaining a broad understanding of both biological and biomedical sciences.

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 and biomedical sciences, and is informed by our world-class research. Our courses are challenging and stimulating and our staff are renowned for their approachability.

5 Dundee is one of the most affordable cities 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.

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. Within six months of finishing their studies, around 89% of our students are in graduate-level employment or further studies.

7 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. We also conduct world-class crop research supported by cutting-edge facilities and technologies. This allows our students to explore real-world issues in the context of their studies.

“The idea of doing research in a place so close to nature and away from the draining hectic city life was stuck in my head. I was sure that for once, being able to see the sky when I look out my window would provide the clarity I needed to find myself as an adult and a researcher. Whether you’re looking for a great adventure to go on or you’re trying to find yourself in a quiet picturesque city, you’ll find everything you’ve been looking for here.”

Selina Thamim Ansari,
student from Singapore



Choose Dundee

The University of Dundee is located in the historic city of Dundee, on the banks of the River Tay, in north-east Scotland. The city is compact and easily reached by road 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.

Dundee has a long tradition of inventions and industry, and this is reflected in the work we do at the University. We are proud to be part of a city with innovations that continue to be at the cutting edge of technology, science and design in the 21st century. There's excitement and energy in Dundee right now, focusing on the multi-million pound development at the city's waterfront. This site plays host to the only Victoria & Albert museum outside London, and is set to become a huge draw for tourists after it opens in 2018. Dundee is also a UNESCO City of Design – currently the only UK city with this accolade.



Student Life

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 it's 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.



“My halls are right next to the University, so it doesn't take me long to get to class – even if I wake up late! This also means I feel really safe walking around by myself, even at night. I also really like the fact that I have my own bathroom within my room – it means I don't have to share with my flatmates!”

Andrea Randhawa,
student from Singapore



Andrea is pictured in private student accommodation similar that provided by the University





Contact Us

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