Biomedical Sciences
BSC (Honours) Biomedical Sciences
2+1 programme with Newcastle University, UK

My brilliant career
Fulfil your potential at Newcastle University Medicine Malaysia

Students studying Biomedical Sciences at Newcastle University develop a wide array of skills from the ability to critically interpret current scientific knowledge and laboratory skills to the less obvious skills of networking and creativity. These opportunities open up a huge array of potential careers for Biosciences graduates.

This guide will highlight a few of the many great career opportunities which our Biomedical Sciences degrees provides – whatever your key skills and interests are. We give examples of some of the careers our graduates are currently going into and how you can follow in their footsteps. The life science sector is very diverse and a lot of our graduates progress in careers which they hadn’t even considered before starting university. Read on to learn more about our graduates and where a Newcastle University Biomedical Sciences degree could take you!

50% of students who applied for postgraduate medicine in 2014 were offered a place.

85% of Pharmacology graduates in employment were in graduate-level jobs, with an average salary of £20,818.

Newcastle University Careers Service is ranked 4th globally.

86% of our Biomedical Sciences graduates in 2013 went into work, study or a combination of both.

A significant proportion of our graduates gain employment as scientists, or laboratory technicians, in either clinical or industrial settings.
50% of students who applied for postgraduate medicine in 2014 were offered a place.

85% of Pharmacology graduates in employment were in graduate-level jobs, with an average salary of £20,818.

Newcastle University Careers Service is ranked 4th globally.

86% of our Biomedical Sciences graduates in 2013 went into work, study or a combination of both.

A significant proportion of our graduates gain employment as scientists, or laboratory technicians, in either clinical or industrial settings.
James

Why did you choose to study Biomedical Sciences at Newcastle University? I wanted to be involved in science, but I wasn’t really sure where my interests lay. Pharmacology at Newcastle University provided the perfect balance of in-course modules and hands on experience; this was coupled with passionate and influential lecturers making a career in Pharmacology an obvious choice!

Do you do any extracurricular activities? An industrial placement at GSK in my third year secured the job I have today.

What is your current job? As a Process Technologist at GSK every day is different; one day I could be in the lab analysing/making our products, the next I could be in meetings looking at the future product pipeline or simply writing up reports of our findings in the office.

What are your hopes for the future? At the moment I am really enjoying working at GSK, however at some point in the future I would really like to pursue a PhD.

What is your top tip for success? Get involved in as many activities as possible. It really pays off to be proactive.

Brigitte

Why did you choose to study Biomedical Sciences at Newcastle University? The mechanisms of how the human body operates has always really interested me and Biomedical Sciences appeal to me as a degree program because it would give me a fantastic insight into the mechanisms which make up a person! Biomedical Sciences also offered a lot of flexibility as a course which appealed to me as I would be able to choose study subjects which particularly interested me. Newcastle is a fantastic vibrant city with loads happening all of the time which was the perfect setting to be in as a student.

Do you do any extracurricular activities? During my second year, I decided to set up my own business which informed people about the science behind all of our favourite beauty products. Studying Biomedical Sciences gave me an understanding of how effective – or not – a lot of products are so I really wanted to share this information with a wider audience.

What is your current job? Being the Managing Director of Beauty by the Geeks has kept me incredibly busy. I have been able to expand the company with the invaluable support of...
Sarah

Why did you choose to study Biomedical Sciences at Newcastle University? I always had a particular passion for science throughout school, and it seemed to be the subject I excelled in. When choosing a degree, I was looking for a science-based course that was broad in terms of the content you would be taught, but with the option to specialise further if you wished. I attended visit days and loved the great atmosphere that the campus has, the first class facilities and I had the chance to witness what an amazing student city Newcastle is.

Do you do any extracurricular activities? During my time at university, I was a member of the Dance Society. This gave me the opportunity to continue something I love to do, keep fit and meet lots of new people who had the same interest as me, as well as attend fun, weekly socials.

What is your current position? I am currently in my first year of studying postgraduate Dentistry. This involves a mixture of lectures and seminars, where you are learn about basic oral science, clinical skills and health education.

Hopes for the future? Once a qualified dentist, I would like to complete further training to become a Paediatric Consultant, allowing me to specialise in children’s dentistry.

What is your top tip for success? I would say make sure you work to the best of your ability and put as much effort as possible into everything you do!
Andrew

Why did you choose to study Biomedical Sciences at Newcastle University? I had a keen interest in academic science and research as well as medicine. After finishing the Biochemistry module as part of the Biomedical Sciences degree, I realised that I found this more interesting than other topics and that I wanted to specialise in this in the second year.

Do you do any extracurricular activities? I was a course rep for Biomedical Sciences in first year and the School Representative for years 2 and 3.

What is your current job? I am currently studying postgraduate medicine at Newcastle University.

What are your hopes for the future? I hope to qualify as a doctor in 2020 and continue to be involved in genetics research.

What is your top tip for success? Remember that there are thousands of students that are just as talented and experienced as yourself and you will need to do something different or work especially hard if you want to stand out and distinguish yourself.
Charlene

Why did you choose to study Biomedical Sciences at Newcastle University?
A combination of fantastic facilities, the city and being exposed to and taught cutting edge science by the leading researchers!

Do you do any extracurricular activities? I was part of the BioSci society and Yoga society, they were perfect for de-stressing.

What is your current position? I am currently a PGCE student at Sunderland University. This comprises of lectures regarding teaching techniques and classroom management and hands on experience in school placements.

Hopes for the future? To be a secondary school science teacher; inspiring young people. I would love to be able to play a role in pastoral care within a school.

What is your top tip for success? Try hard to find a healthy balance between work, socialising and relaxing.
Christian

**Why did you choose to study Biomedical Sciences at Newcastle University?**
Learning about biological science and research made me interested in genetics, which helped me decide to apply to Biomedical Genetics as I found the subject particularly fascinating.

**Do you do any extracurricular activities?**
I completed a summer research project at University College London and luckily was also able to organise one during term time at Newcastle during the beginning of first year, which cemented even more my commitment to the career path.

**What is your current job?**
I’m currently undertaking a PhD in Cell and Molecular biology at Edinburgh University. I have real control over my working hours and what direction I want to take my experiments in. I really enjoy the investigative problem solving nature of the work and get the opportunity to apply knowledge I gained during my degree on a daily basis.

**What are your hopes for the future?**
I hope one day to progress to becoming a post-doctoral researcher, eventually receiving a university fellowship and starting my own laboratory.

**What is your top tip for success?**
Get as much work experience as possible so you can see the practical application of your studies.
Kevin

**Why did you choose to study Biomedical Sciences at Newcastle University?** I originally joined Newcastle to complete a Biomedical Sciences degree with the aim of entering Dentistry after graduating. However, during the course of my studies it became apparent to me that this was not what I saw myself doing for the next 40 years. It was at this point I explored several careers, the other degree courses and transferred to Biochemistry as I felt this course was of greatest interest to myself.

**Do you do any extracurricular activities?** The optional Business module I undertook in third year, gave an insight into the processes involved in developing a business idea, developing it, and ultimately pitching it to a team of “investors”. This module is a change from the majority of modules you experience on a science course, but provides everyone with the option to experience different possibilities.

**What is your current position?** I am a trainee accountant on the KPMG graduate scheme. My degree had been developing key skills that I had never really considered. Ultimately this resulted in me receiving an offer to work with KPMG in Newcastle in the autumn after graduating.

**What is your top tip for success?** It is important to consider many options, as through the course of university many students are unsure as to what their future holds.
Emily

Why did you choose to study Biomedical Sciences at Newcastle University? At school I really enjoyed the human side of my biology A-level so Biomedical Sciences seemed like the obvious choice for university. Newcastle University really impressed me on the open day and I loved the city so I was delighted when I gained a place.

Do you do any extracurricular activities? I compete for Team GB in Triathlon, which meant I could travel around the world to competitions whilst completing my degree.

What is your current job? I have combined my passion for sport with my interest in genetics to gain a place at a research centre at an Ivy League University in America, which is carrying out pioneering research into the genetics of elite athletes.

What are your hopes for the future? I would like to continue my education in America and hopefully complete a PhD.

What is your top tip for success? Get a hobby outside of your degree, this allows you to work hard but also enjoy yourself, which is the key to doing well!
Verity

Why did you choose to study Biomedical Sciences at Newcastle University?
I chose Genetics because I was really interested in human biology at school and really wanted to understand the science behind the treatment of disease. I specialised in Pharmacogenetics because it is a huge up and coming area with huge developments happening all the time.

Do you do any extracurricular activities? I was a journalist at the student science magazine (react). This really helped me to learn about what was going on around the North East science industry!

What is your current job? I am a Graduate Ambassador for the Faculty of Medical Sciences at Newcastle University. I get to travel around the country to promote medical sciences in schools and recruit new students. I am also developing my marketing skills.

What are your hopes for the future? I hope to continue in Science Communication and join a science-based company.

What is your top tip for success? Get involved in as much as you can at university – this will help you have an idea of what you want to do when you leave and help build up loads of skills.
Other Opportunities
This is just a short taster of what our graduates are getting up to these days. There are many more science careers out there including graduate management schemes, genetics counsellor, medical sales representative, patent attorney, government biomedical scientist or lab technician.

Over the period of your study you will develop a high level of practical and subject specific skills as well as a wide range of highly marketable transferable skills, including critical reasoning, team work, oral presenting and writing skills etc. All of which are highly sort from any employer whether you choose a scientific or non-scientific career path.

If you want to find out more information, check out these websites:
www.ibms.org/go/biomedical-science/careers-jobs/careers
www.prospects.ac.uk

Newcastle University Medicine Malaysia (NUMed Malaysia)
No. 1 Jalan Sarjana 1
Kota Ilmu, EduCity@Iskandar
79200 Nusajaya
Johor
Malaysia.
Telephone: +6 07-5553800
www.newcastle.edu.my/study/undergraduate/biomedical

Join us www.facebook.com/NewcastleUniversityMedicineMalaysia
Follow us @NUMedMalaysia
Browse www.newcastle.edu.my