

UNIVERSITY OF  
**EXETER**

MEDICAL  
SCHOOL

**MEDICINE**

UNDERGRADUATE SUBJECT BROCHURE 2018





# THE UNIVERSITY OF EXETER MEDICAL SCHOOL

The University of Exeter Medical School offers four highly regarded and innovative undergraduate degree programmes: the Bachelor of Medicine, Bachelor of Surgery (BMBS), the BSc/MSci (Hons) Medical Sciences, BSc (Hons) Sport and Exercise Medical Science, and the BSc (Hons) Medical Imaging. These degrees produce doctors, radiographers and medical scientists who are able to address the health and social care challenges of the 21st century. The BMBS curriculum provides a clinical focus, which is forward thinking and meets the needs of students who want to work as doctors in an increasingly integrated, internationalised health environment.

You'll benefit from access to Exeter's world leading biomedical and health research, learn from some of the country's most innovative NHS Trusts and learn from the best healthcare systems worldwide. You will gain experience of the latest techniques and computational methodologies from genomic medicine to health technologies. There is an inspirational range of opportunities for developing special interests, or spending an additional year in focused study or work through an intercalated degree or Professional Training Year (PTY).

These will be matched by clinical opportunities in primary and secondary care settings across the South West. We also support those students wishing to take an academic route through the academic or doctoral training programmes.

Our students are part of a wider commitment to health service training at the University of Exeter, which also includes clinical psychologists, therapists, and sport and health scientists.

## National Health Service partnership with medicine

The National Health Service (NHS) has been closely involved in the development of medical education in the South West and is the major UK employer of healthcare professionals. Significant growth in the number of doctors and the development of medical education, both pre and post qualification, contributes to the essential modernisation required to deliver the government's NHS plan.

The NHS in Devon and Cornwall has worked with the Medical School to ensure that its services and facilities offer the right environment to support the way doctors are trained in line with the General Medical Council's 'Outcomes for Doctors' ('Tomorrow's Doctors') guidance. The GMC determines the knowledge, skills and behaviours that medical students learn at UK medical schools. The GMC also sets standards for teaching, learning and assessment.



The Athena SWAN Charter recognises and celebrates good employment practice for women working in STEMM in higher education and research.

The University of Exeter Medical School have been awarded an Athena SWAN Silver department award. Find out more about Athena SWAN in the University of Exeter Medical School at [www.exeter.ac.uk/medicine/about/equalitydiversity/athenaswan](http://www.exeter.ac.uk/medicine/about/equalitydiversity/athenaswan)



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[www.twitter.com/ExeterMed](https://www.twitter.com/ExeterMed)

# MEDICINE

5th in the Russell Group for Overall Satisfaction in the National Student Survey 2016<sup>1</sup>

10th in the UK for Medicine in *The Guardian University Guide 2017*

83% of research classified as world-leading or internationally excellent<sup>2</sup>

Clinical experience from the first month of the programme

Graduates who are among the best prepared for safe and effective patient care

## Numbers

Entrants: 120 home/EU, 10 international (subject to HEFCE confirmation)  
Applicants: 1,643 (September 2016 entry)

## Programme information

Email: [medicine@exeter.ac.uk](mailto:medicine@exeter.ac.uk)  
Phone: +44 (0)1392 725500  
[www.exeter.ac.uk/medicine](http://www.exeter.ac.uk/medicine)

## Completing your Application Form

The deadline for applications is 15 October 2017. No more than four choices should be used for clinical programmes.

This five-year Bachelor of Medicine, Bachelor of Surgery (BMBS) programme draws on the strength of our partnership with the NHS across both Devon and Cornwall, to provide what we believe to be the most exciting and innovative medical undergraduate degree programme available today.

Our Medicine degree develops skills for lifelong learning and the professional attitudes that you will need throughout your medical career. The programme has been designed to include the importance of a multi-professional perspective, so that you learn from, with and about other healthcare professionals. We work throughout your studies to ensure that you are properly advised on career development, making sure that learning experiences enable you to be competitive in any medical employment market. The degree programme is carefully structured to ensure that you will graduate with the knowledge, skills and attitudes required for safe practice and entry into your first clinical job.

Our teaching ensures that you'll become a clinically skilled graduate with a strong knowledge of contemporary science, an awareness of research and excellent professional behaviour. Our use of small groups for teaching provides an intensively supported learning environment where you'll be taught to challenge, stretch, reward and empower yourself. This small group approach also means you'll be prepared for working in a multi-professional clinical team in the NHS.

Independent study is built into the timetable, enabling you to take advantage of the wide array of resources available to support your learning. You will have access to excellent facilities at the University and in the NHS.

In the early part of the programme you'll study in an environment which is well supported and that includes sessions in the Life Sciences Resource Centre at the St Luke's Campus, which are led by expert tutors. You'll also study in the Clinical Skills Resource Centre at the Royal Devon and Exeter Hospital site, undertake clinical placements, and have case-based group tutorials, reflective/feedback small group sessions and workshops. These all allow for group interaction, discussion and feedback. In addition, you will have a small number of large group lectures, in which a year group is brought together for teaching sessions.

In Years 3 to 5 of the programme, students are based in both Devon and Cornwall. Your learning occurs within the clinical environment with extensive opportunities for contact with patients, as you rotate through multiple specialties, both in hospitals and in General Practice.

Our curriculum includes the whole health community, not just hospitals. This recognises the community role in chronic illness and prevention and provides the social context, giving you a wider perspective and understanding. The community placements also provide experience of the multi-professional nature of medicine and the importance of the healthcare team.

On graduation you'll be able to approach clinical problems holistically, have excellent communication skills, be empathetic and a good listener. You'll be able to work well in multi-professional teams, be able to seek and appraise the best evidence to inform your practice and be capable of meeting the health care needs of society.

<sup>1</sup> 95.7 per cent of Medicine students agreed they were satisfied

<sup>2</sup> Research Excellence Framework 2014 based on the percentage of research categorised as 4\* and 3\*. Medicine is returned to the Clinical Medicine Unit of Assessment

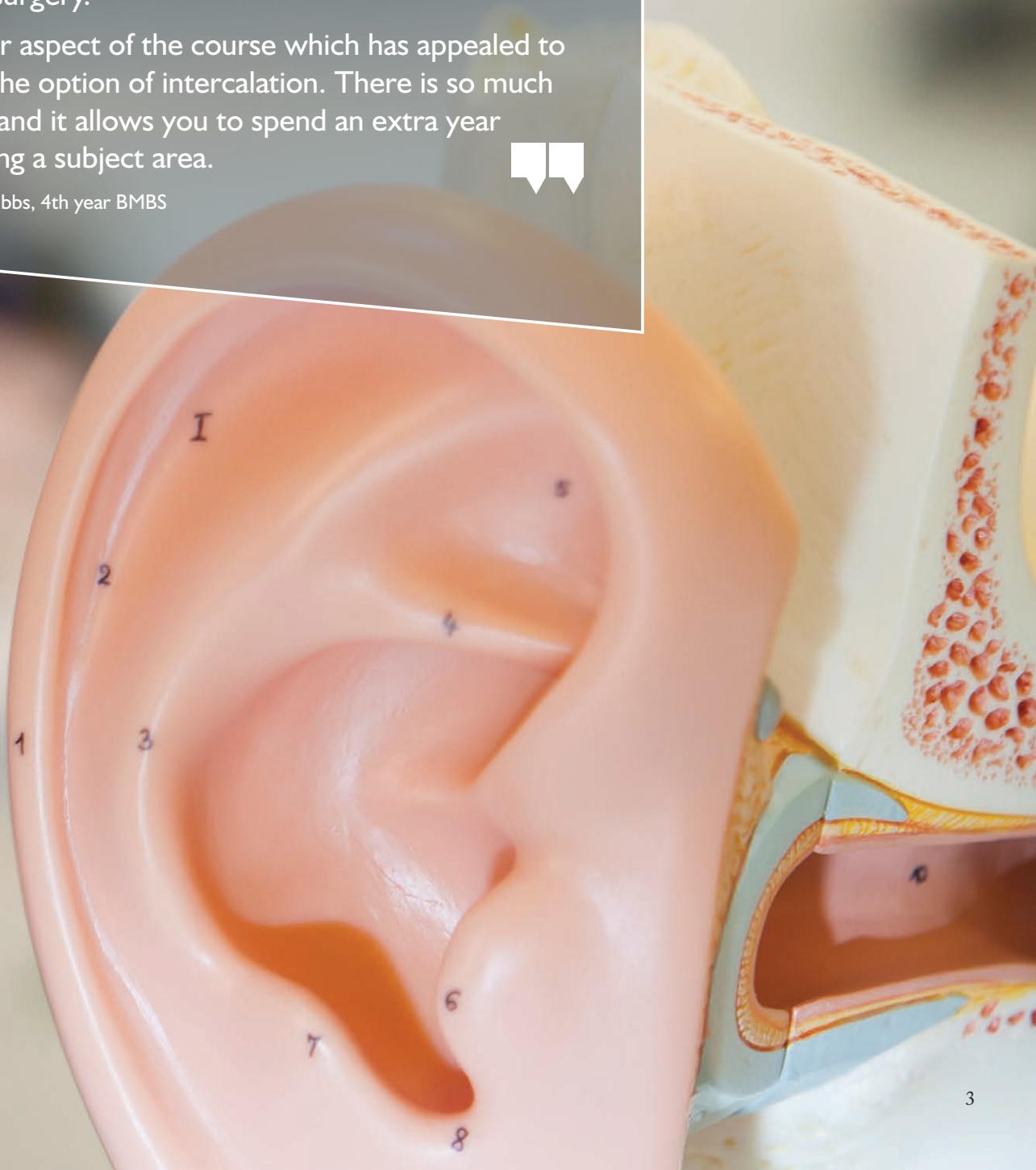


I have thoroughly enjoyed studying medicine here in Exeter. It has provided me with transferable skills and countless opportunities which will help with my future career in medicine.

I love the variety you get with clinical placements. One week you are in theatre, and the next shadowing a GP. I felt well prepared when entering the clinical environment in third year. This is mainly due to the placements in my pre-clinical years and also the amazing teaching in clinical skills. It has to be a highlight of the course, and was definitely something that drew me to Exeter Medical School originally. Within the first year you learn many key skills including CPR, injection techniques, suturing and how to scrub up for surgery.

Another aspect of the course which has appealed to me, is the option of intercalation. There is so much choice and it allows you to spend an extra year exploring a subject area.

Kayleigh Gibbs, 4th year BMBS





# PROGRAMME STRUCTURE

The BMBS degree programme has core components which provide the essential knowledge and skills to practise as a doctor. A proportion of the curriculum is also devoted to areas of your own choice, which allow you to select subjects of interest to study in depth.

## Years 1 and 2

LOCATION: EXETER (ST LUKE'S CAMPUS)

For your first two years you will be based at the St Luke's Campus in Exeter and fully experience university life. The curriculum in the first two years is based on the human life cycle, with emphasis on acquiring core knowledge of biomedical, psychological, sociological and population health aspects of medicine, and relating this to medical scenarios.

These two years lay the scientific foundations for study in subsequent years, ensuring that you learn within a clinical context. The programme reflects our belief that doctors need to adopt a socially accountable approach to their work and to understand the human and societal impact of disease, as well as the community-wide context of contemporary healthcare provision.

In your first year, you study human physical and psychological development from birth through to old age. In the second year, you revisit the human life cycle, this time with an emphasis on disease, pathological processes and the psychological impact of illness.

### Small group learning

The first two years of the curriculum are centred around small group learning. In groups of 8 to 10, you'll work through a series of clinical cases, each lasting two weeks, which follow the human life cycle. Each tutor guided group meets three times during the fortnight to study and discuss the case and then you'll report back your individual research findings. Between meetings, you'll undertake research and independent study on all aspects of the case from the biomedical, public health, human science and professional points of view.

### Lectures

All students in your year will come together for large group teaching sessions. These lectures focus on specific subjects relevant to the cases you are studying and often involve external experts.

### The Life Sciences Resource Centre

The Life Sciences Resource Centre (LSRC), which is on the St Luke's Campus, develops your knowledge of the structure and function of the human body. Your understanding of anatomy develops through using medical imaging, including x-rays, magnetic resonance imaging and ultrasound, coupled with the study of models, living anatomy and virtual multimedia methods. Relevant clinical anatomy is taught using the knowledge and experience of clinicians.

### The Clinical Skills Resource Centre

You'll learn clinical and communication skills in a safe environment within the Clinical Skills Resource Centre (CSRC), based at the Royal Devon and Exeter Hospital, before using them in a real clinical setting. The CSRC contains state-of-the-art electronic patient simulators, mock NHS wards and emergency departments. You will learn to gather information, carry out physical examinations, conduct patient and family interviews, develop your diagnostic skills and perform a variety of practical procedures including injections, venepuncture and basic life support. You'll also develop the ability to interact with patients in a variety of situations. Learning and improving communication skills enables you to understand the needs of individual patients, physically and psychologically.

### Clinical placements

Extensive exposure to real patients in clinical settings underpins the development of your clinical skills. This experience will help you become an expert in the clinical environment. In your clinical placements during the first two years, you'll experience how healthcare is delivered in both the community and hospital. You will normally meet your first patient within the first few weeks of your first year. During your placements, you'll also learn from patients about the breadth of diseases and health problems in a community and the effect of social and environmental factors on disease. This will help you to understand the multi-professional nature of medicine and the importance of the wider healthcare team.

### Special study units

Special study units involve working with staff from the NHS, the University and the community in a wide range of disciplines to study areas of particular interest to you. With more than 200 options, the units provide a challenging and stimulating way to develop your critical thinking, scientific and analytical skills. During the first two years, each unit takes place over a three-week period. A further study unit in Year 4 offers the chance to consider how the study of the humanities offers insights into the lived experience of people experiencing lives very different from our own.

## Years 3 and 4

**LOCATION: EXETER (ROYAL DEVON AND EXETER NHS TRUST SITE) OR CORNWALL (ROYAL CORNWALL TRUST SITE)**

The third and fourth years of the curriculum are delivered in locations across the South West. You'll be based at either the Wonford site at the Royal Devon and Exeter Foundation Trust in Exeter or at the Royal Cornwall Hospital in Truro. You will rotate through a series of hospital and community placements which provide extensive experience of a wide range of clinical settings. Your learning is centred on patients and will continue to develop your problem solving skills and increase your experience with the widest possible array of clinical scenarios.

### Integrated clinical learning

This part of the programme is divided into 'pathways of care'. In your third year you will study pathways in medicine, surgery, general practice and other hospital specialities. In year four, these continue with a focus on acute care, the complexities of chronic care, and palliative care/oncology. These pathways emphasise the importance of continuing to acquire knowledge in biomedical science, psychology, sociology and population health, while also refining and building on the clinical and communication skills you developed in your first two years.

### Integrated science learning

Your knowledge of biomedical, clinical and human science is developed during placements, through meeting patients at home, in general practice, in acute and community hospitals and through interaction with healthcare professionals in their working environment. You'll experience how the NHS works as a team to deliver patient care.

Your learning during each pathway is supported by an academic programme, which develops your knowledge of common medical conditions and professional issues.

One day each week is devoted to lectures, tutorials, clinical skills sessions, workshops and professional practice groups which build on your previous learning and help to integrate your scientific and clinical knowledge. The emphasis on teaching and learning in small groups continues helping you understand the key concepts and knowledge that relate to each pathway.

### Special study units

In your third and fourth years, you'll continue to study in a clinical environment and learn about healthcare teams and NHS management. In addition to the wide variety of clinical options available, you will also have the opportunity to learn more about the research process, through a longer attachment to one of our research teams, and to study an area of medical humanities of interest to you.

You'll be able to develop your teaching and learning skills through another special study unit, 'The Doctor as Teacher'. The overall aim of this unit is to enable you to acquire the professional attitudes, knowledge and skills of a competent teacher and to prepare for the transition from medical student to doctor.

### Internationalisation

As part of an exciting new development, and in line with the University of Exeter Internationalisation Strategy, you will have the opportunity to have clinical placements overseas with partner organisations such as Wollega Medical School in Ethiopia, the University of South Florida, and partners in China, Malaysia, and more.

This will give you a wider global view of how health and education systems operate, and equip you to be part of the international medical world.

The international placements programme will also complement and enhance your elective experience after Year 4.

### Intercalated degree

An intercalated degree provides the opportunity to explore another discipline at degree level, bringing added breadth and depth to your study. The opportunity to intercalate is offered to the highest performing students based on assessments during the third year.

Successful applicants join the final year of an existing BA or BSc degree at the University of Exeter; some postgraduate programmes are also available.

A wide range of potential options are available including; Applied Health Services Research, Medical Sciences, Neuroscience, Pharmacology and Therapeutics, Human Genomics, Environment and Human Health, Biosciences, Genomic Medicine, Clinical Education, Medical Humanities, Bioarchaeology, Psychology, Sport and Exercise Science, and Flexible Honours.

Although intercalation means an extra year of study, it can enhance the undergraduate experience by providing additional specialist knowledge and transferable skills which can be a real asset in your future professional life.



**The first thing I ever did in the Medical School, 9am on Monday morning, was attend a fertility clinical placement. It was a really great experience because it helps you understand what you are working towards at the end of the five years, and also helps you build communication skills and interaction with patients at the very beginning.**

Praveena Deekonda, 4th year BMBS



## Year 5

LOCATION: EXETER, TRURO,  
BARNSTAPLE OR TORBAY

In your fifth year, you will learn the job of medicine and start to develop your understanding of principles of practice in the NHS. You'll undertake a series of apprenticeship attachments in hospitals across the South West, including Exeter, Truro, Barnstaple and Torbay as well as in General Practice.

The emphasis is on the practical implementation of what you have learnt and is your final preparation for medical practice. You'll experience working as part of a healthcare team in the clinical environment. Your independent learning is supplemented by a portfolio of 'indicative presentations', which encourages you to continue integrating your scientific and clinical knowledge. These presentations expand and deepen the knowledge and skills you developed in years three and four. Receiving histories from patients and performing clinical examinations will by now be very familiar to you. You will also be developing your analytical skills in interpreting diagnostic tests and initiating management plans.

### Electives

The electives form a very important part of the curriculum, enabling you to experience medicine in an entirely new environment, both socially and culturally. Electives may involve clinical or research placements, or a combination of both. Many students take this opportunity to see the practice of medicine in another part of the world, for example, by exploring the delivery of clinical care in developing countries, through placements in mission or government hospitals. Other students arrange elective placements within the South West or other parts of the UK. There are few restrictions on what you might wish to do, provided this is clearly set out in the context of agreed learning objectives.

For further information please visit  
[www.exeter.ac.uk/medicine](http://www.exeter.ac.uk/medicine)



## Torbay and South Devon NHS Foundation Trust

At the Torbay Trust you will experience a range of patient care across the new Integrated Care Organisation (ICO). You will gain insight into a variety of clinical specialties including acute medicine and surgery, emergency medicine, paediatrics, obstetrics and gynaecology, cardiology, trauma and orthopaedics, anaesthetics, and mental health.

You will work alongside multi-professional teams in an organisation that is continually rated highly by trainee doctors\*.

## The Horizon centre – A centre for Education, Research and Innovation

The Horizon centre is a state of the art educational facility based on site at Torbay Hospital, bringing together education, innovation and research. The Medical Education team at Torbay manages both the undergraduate and postgraduate programmes for more seamless support and transition from student to trainee.

 One of the great things about the Medical School has to be the early patient contact that we have – from your first couple of weeks in first year, you are meeting clinicians and patients in a clinical environment which is invaluable for learning. The Clinical Skills Resource Centre (CSRC) is also great – they have so many resources we can use and there are always members of staff available to help. The University of Exeter Medical School is a happy and friendly place to learn.

Natalie Miles, 3rd year BMBS



# ASSESSMENT AND SUPPORT

Assessment is an important part of the learning process; it demonstrates the standard you are achieving as well as that to which you are working. Your progress is assessed in relation to your knowledge and your work in clinical practice, and you will be provided with continuous feedback, enabling you to identify strengths as well as areas for improvement.

The Applied Medical Knowledge Progress Test is one of the key features of our approach to assessment. The Progress Test, which is delivered in a multiple-choice question format, is designed to assess long-term and functional knowledge rather than detailed and easily forgotten ‘facts’. It is a measure of how much you are learning, not how good you are at revision, cramming or note memorisation. Following every test that you take, up to four per year, you will receive your grade and percentage score as well as the mean percentage of each test.

## Academic review

Your performance in assessment is formally reviewed each term to ensure that any problems that you may be experiencing with your learning can be identified early. We seek to support students whose performance may be a cause for concern. If you need support you will be referred to trained staff and receive a confidential report containing recommendations on how changes to individual learning styles, techniques, assessment strategies and attitude to work may improve performance.

## Academic tutor

All students are allocated an academic tutor who oversees your academic progress and personal and professional development. Your tutor is the first point of contact for academic support for the duration of the programme. You will change tutors each year.

## Wellbeing

We offer a friendly and supportive environment from your first day with us. Our Pastoral Tutor Team can provide assistance with non-academic issues. There is a designated Student Welfare Officer (SWO) for the Medical School who can provide specific advice relating to disability and mental health issues during your training, give guidance regarding the legislative framework around accessibility, and discuss concerns about the disclosure of impairments or personal circumstances. The SWO works closely with other University services such as AccessAbility, Wellbeing, Accommodation and the Chaplaincy to ensure you have the most appropriate reasonable adjustments and support throughout your course. Prospective students can contact the SWO on [uemsdisability@exeter.ac.uk](mailto:uemsdisability@exeter.ac.uk) for any student support enquiries. The University also provides extensive wellbeing support through a range of services including counselling services, advice units, chaplaincy, childcare facilities and student health centres. Further information can be found at [www.exeter.ac.uk/ug/wellbeing](http://www.exeter.ac.uk/ug/wellbeing)

# FOUNDATION YEARS

At the end of the undergraduate programme you will receive your BMBS degree, which is a primary medical qualification (PMQ). Holding a PMQ entitles you to provisional registration with the General Medical Council. Provisionally registered doctors can only practise in approved Foundation Year 1 posts: the law does not allow provisionally registered doctors to undertake any other type of work.

To obtain a Foundation Year 1 post you will need to apply during the final year of your undergraduate degree through the UK Foundation Programme Office selection scheme, which allocates these posts to graduates on a competitive basis. So far, all suitably qualified UK graduates have found a place on the Foundation Year 1 programme,

but this cannot be guaranteed, for instance if there were to be an excessive number of competitive applications from non-UK graduates.

Successful completion of the Foundation Year 1 programme is normally achieved within 12 months and is marked by the award of a Certificate of Experience. You will then be eligible to apply for full registration with the General Medical Council. You need full registration with a licence to practise for unsupervised medical practice in the NHS or private practice in the UK.

There is a broad spectrum of careers within clinical practice across medical, surgical and other specialities and whilst many of these have historically been hospital-

based, healthcare is moving towards a more community-centred model of delivery and consequently, doctors will be increasingly expected to deliver healthcare in a range of settings. The range of placement opportunities throughout the programme will help to develop your skills and experience of working in different healthcare settings and enable you to understand how organisations operate. This, alongside tailored career advisory sessions and events provided in partnership with Peninsula Postgraduate Medical Education, will also help you to make informed career choices.

For more information visit:  
[www.peninsuladeanery.nhs.uk](http://www.peninsuladeanery.nhs.uk)



## TRURO CAMPUS

A number of our students will spend their third and fourth year in Truro. Students based at Truro will be located on the Royal Cornwall Hospital site. You will be taught in the Knowledge Spa which is a modern, multidisciplinary building that is also the home of the Medical School's European Centre for Environment and Human Health. The campus is well connected to the city centre.

# KEY INFORMATION AND ENTRY REQUIREMENTS

## Direct school leavers

The entry requirements set out in this section apply to you if it is less than two years since you completed your A levels or equivalent qualifications at the time of application.

At UEMS the main criteria for selection will be your academic performance, whether achieved or predicted. The University does not discriminate against applicants who have re-taken part or all of a qualification and will treat an achieved or predicted qualification grade in the same way irrespective of whether or not re-takes are involved.

Applicants will be tiered based on their academic achievement, which is the primary filter used when selecting applicants for interview. For direct school leavers the UKCAT score will be used if we need to split a tier of applicants in order to fill interview places. Those applicants who have already achieved their grades will receive a one rank advantage within the tiering.

We only look at your three best A level results. Additional A levels do not confer any additional advantage. A fourth AS qualification is not required.

## Personal statement

In addition to academic qualifications, when selecting candidates we will also take into account information provided within the personal statement and reference, particularly where this reveals extenuating or mitigating circumstances which may have affected academic performance. A rank or score is not applied.

## Selection process

We use predicted or achieved A level (or equivalent) results in conjunction with the total UKCAT score to determine the number of students called for interview (see below for details). The University of Exeter may also take into account additional information provided within the application such as contextual factors which may have affected performance as well as school performance. We may consider this as part of its holistic assessment of the application and take it into account when deciding whether to make an offer and the level of offer to be made. [www.exeter.ac.uk/undergraduate/applications/policy](http://www.exeter.ac.uk/undergraduate/applications/policy)

MEDICINE ENTRY DATA		
DEGREE PROGRAMMES	REQUIRED SUBJECTS	TYPICAL OFFER
<b>BMBS</b> Medicine A100 5 yrs	GCE AL Biology and Chemistry grade A. General studies is not included in any offer. IB: Chemistry and Biology at HL6.	A*AA-AAA; IB: 38-36

## Interview

Successful candidates at the initial application stage will be invited to an interview which is designed to determine whether applicants have the non-academic qualities such as the communication skills, reflectiveness and empathy required to become a successful doctor. The interview will be in the multiple mini-interview format. This will consist of seven or eight stations and will include face-to-face interviews. There are no group assessments. The University of Exeter Medical School is committed to recruit using the values based on the NHS Constitution and the qualities outlining the personal and professional attributes of doctors in the GMC document 'Good Medical Practice'.

Each candidate is awarded a Yes/No judgement at each station based on the assessor's judgement of whether the candidate has the necessary personal qualities and attributes to be a medical student at UEMS. These individual judgements are then used to allow us to decide whether the candidate should receive an offer or not. Under some circumstances, for example if all other attributes are the same, then it is possible that the UKCAT could be applied as a 'tie breaker'.

## Criminal record checks

As you may be working with vulnerable people in a variety of clinical settings throughout the degree programme, all offers are conditional upon a Criminal Conviction Self Declaration and an enhanced disclosure check via the Disclosure and Barring Service. We will review all significant reports of convictions, cautions and verbal warnings and decide on a candidate's suitability to enter the programme.

For further information regarding your criminal convictions please contact the DBS team at [admissionsdbs@exeter.ac.uk](mailto:admissionsdbs@exeter.ac.uk) or on 0300 555 6060 / +44 (0)1392 723031 for overseas callers. Students will be liable for a processing fee for the DBS check.

## Health assessments

All applicants who are made an offer following interview will be required to complete a health questionnaire and those accepting an offer will be screened by the Occupational Health Department. The purpose of the screening is to highlight to the medical school how we can best help you to realise your full potential if you have health problems which might have an impact on your ability to study. Students may be required to attend a medical examination as part of the admissions process and will be required to have tests to determine their Hepatitis B surface antigen, TB and HIV status.

## UK Clinical Aptitude Test (UKCAT)

At the time of going to print, the University of Exeter Medical School uses the UKCAT as a factor in determining which candidates are selected for interview, along with predicted or achieved grades and other information contained within an applicant's UCAS form. You are advised to visit the UKCAT website at [www.ukcat.ac.uk](http://www.ukcat.ac.uk)

We use predicted or achieved A level (or equivalent) results in conjunction with the total UKCAT score to determine the number of students called for interview. Applicants will be tiered according to their predicted or achieved A level or equivalent qualifications. The UKCAT score will be used to determine who, within a particular tier, will be invited to attend an interview. Those applicants who have already achieved their grades will receive a one rank advantage within the tiering. In addition, the University of Exeter uses contextual information about an applicant to assist in this process ([www.exeter.ac.uk/undergraduate/applications/policy](http://www.exeter.ac.uk/undergraduate/applications/policy)) under the terms of our Access Agreement, which is agreed with the Office for Fair Access (OFFA). This may mean that students with the potential to succeed are invited to interview with lower UKCAT scores or A level (or equivalent) predictions/achievement. We may use the UKCAT following interview, if we need to

select from the pool of students who are successful at interview level (or equivalent) predictions/achievement.

### Non-direct school leavers

The entry requirements set out in this section apply to you if it is more than two years since you completed your A levels or equivalent qualifications, if you are a graduate or if you have enrolled onto the second year of an existing degree programme at the time of application.

We use the Graduate Medical Schools Admissions Test (GAMSAT) as the entry requirement for non-direct school leavers. GAMSAT assesses a candidate's academic aptitude for the study of medicine. Results from the test will be used alongside the other information contained on your UCAS form to select non-direct school leavers for interview. The results are valid for two years.

Information about GAMSAT is available online at [www.gamsatuk.org](http://www.gamsatuk.org). Visiting the GAMSAT website is the only way for candidates to register. Payment online is part of the registration process.

### International applicants

We welcome and encourage applications from suitably qualified international students who are either self-funded, supported by scholarships from their respective governments, or sponsored by scholarship programmes operated by the British Council and similar funding bodies.

If you are an international applicant you must meet the same admissions criteria as Home/EU students, including the UKCAT test. You must be able to fully demonstrate proficiency in the English language. All

teaching is in English, so if English is not your first language, you must have one of the following qualifications:

- IELTS band 7.5 or above with at least 7.0 in each of the Speaking and Listening sections (taken within 12 months of entry)
- GCSE/IGCSE English Language (as a first language) grade A
- IB score of 6 at the ordinary level in English Language (as a first language)

We offer a friendly and supportive environment for international students. We have a nominated Academic Tutor to coordinate your induction and academic support to ensure that your transition from school to university is a seamless one. Our International Student Advisers act as a focal point for help and advice with any matters relating to your welfare throughout your studies. They are able to assist with immigration issues including the renewal of student visas, provide advice about schooling for children and produce a termly e-newsletter packed with cultural tips, event news and useful information.

### Widening access to medicine

As part of our commitment to widening access to medicine, we undertake outreach activities with local schools in Cornwall, Devon and Somerset. Workshops introduce pupils to a range of healthcare scenarios designed to demonstrate the roles of the medic, nurse, surgeon and wider healthcare team. These sessions are available through the Outreach Team and can be requested by contacting [outreach@exeter.ac.uk](mailto:outreach@exeter.ac.uk). Please note that all requests must be from the hosting school and not individual pupils.

As well as the opportunity of talking face-to-face with Medical School staff at our Open Days, the University and the Medical School are represented at most of the UCAS Fairs in the UK. A list of the UCAS Fairs is available on our website at [www.exeter.ac.uk/undergraduate/visiting/conventions](http://www.exeter.ac.uk/undergraduate/visiting/conventions)

### Disability

We welcome applications from students with disabilities and do all we can to ensure that your participation in both the academic and social life of the University is as successful as that of other students. [www.exeter.ac.uk/medicine/education/disability](http://www.exeter.ac.uk/medicine/education/disability)

### Previous study on a medical programme

The University reserves the right not to consider an applicant for entry if the entrant has previously been withdrawn from the University on academic grounds or due to submission of fraudulent documentation.

Applicants who have previously failed any part of a medical programme at the University of Exeter or any other institution may not be considered for the BMBS Medicine programme unless extenuating circumstances have been declared. Any declaration of extenuating circumstance should be referred to the University of Exeter Medical School for initial consideration. A final decision shall lie with the Admissions Selection and Advisory Group (ASAG). All students accepted on to the programme will be required to start from the first year although we do consider requests to transfer in to the University of Exeter Medical School from students registered at other UK medical schools only.



When I'm not teaching I'm an ENT surgeon, with a special interest in the treatment and reconstruction of chronic middle ear disease and vertigo. I firmly believe that one of the main strengths of the Exeter BMBS degree is that students are taught on a day-to-day basis by consultants who are the same people in the hospital attending to the needs of the local community. It's a real privilege to have

students learning alongside you in the working environment. I love the sense of wonder and fascination that crosses the face of the students. When they have had a chance to meet and chat with the patient first, it embeds the knowledge and learning in a way no book could come close to doing.

Mr Malcolm Hilton, Clinical Sub-Dean (Acute) and Consultant Otolaryngologist, Royal Devon and Exeter Hospital







# OTHER PROGRAMMES ALIGNED TO MEDICINE

# BSc MEDICAL SCIENCES

**Top ten in the UK for Biosciences in *The Guardian University Guide 2017*<sup>1</sup>**

**3rd in the UK for student support and support for careers and employability**

**83% of research classified as world-leading or internationally excellent<sup>2</sup>**

**A broad and flexible programme, looking at the science supporting medicine**

**Innovative approaches to individual and group learning**

## Programme information

Email: [medicine@exeter.ac.uk](mailto:medicine@exeter.ac.uk)

Phone: +44 (0)1392 725500

[www.exeter.ac.uk/ug/medical-sciences](http://www.exeter.ac.uk/ug/medical-sciences)

At present, many scientific discoveries never leave the laboratories in which they are made. At the same time, the needs of frontline clinicians and their patients, often go unheard by those doing research. This career-focused degree trains you to fill these gaps, and thereby enhance the lives of patients.

This programme prioritises the science that underpins medicine and clinical practice, preparing you to translate scientific discoveries and technological advances into improved healthcare. To achieve this, the first part of the programme gives you a wide-ranging insight into how the human body normally works.

We then build upon this foundation to see how things can go wrong in the body due to disease and trauma, and how normal function might be restored. We help you develop a thorough insight into human

health. For example, whilst pharmaceutical intervention may be appropriate in some conditions, other conditions might best be helped by using technology or engineering. You will be able to see this for yourself, thanks to the wide range of placements that run throughout the programme which help you develop your career outlook.

The longest of these placements takes place in the third year, when many students take the option to spend a whole year working in industry or a university or NHS laboratory. Whether you choose to do the three or four-year programme, your final year will be spent specialising in the area, which interests you most, tailoring your degree to match your specific career ambitions. A large component of the final year includes carrying out independent research under close supervision by research experts (for example in cardiovascular, diabetes, genetics, neuroscience and cell and molecular biology).

<sup>1</sup> Medical Sciences is included with other related subjects in this category

<sup>2</sup> Research Excellence Framework 2014 based on the percentage of research categorised as 4\* and 3\*.

Medical Sciences is returned to the Clinical Medicine Unit of Assessment

## Programme details

Full details of this programme, including information about all the modules, can be found in our subject brochure and at [www.exeter.ac.uk/ug/medical-sciences](http://www.exeter.ac.uk/ug/medical-sciences)

### BSc (Hons) Medical Sciences

LOCATION: EXETER (ST LUKE'S AND STREATHAM CAMPUSES)

This programme provides a firm foundation in the core biomedical and biomolecular sciences, alongside an insight into medical practice and the technologies used to diagnose disorders and treat patients. You'll develop an integrated, scientific knowledge that you can put into practice in a clinical setting and robust research skills.

All students complete the same first year regardless of whether you choose Medical Sciences or one of our four pathways. Our programme is flexible, allowing you to change between, or onto, a pathway at the end of year one. In Year 2, modules are introduced which are designated to the pathways, and in the final year you will study advanced pathway-specific modules and complete a research project within your chosen area. Alternatively, you may wish to graduate without 'specialising' in a pathway.

**Human Genomics pathway** – genetics is the study of genes, their action and how they are passed on through generations. Powerful technologies in genomics allow us to sequence a person's entire genetic code: the genome, giving insight into the mechanisms of normal and pathological states, as well as the identification, diagnosis and treatment of genetic disorders.

**Neuroscience pathway** – the study of the Central (brain, the spinal cord) and the Peripheral Nervous Systems, and how they interact with the internal and external environments in normal and disease states. Study neurological and behavioural disorders and gain an insight into the latest research methodologies in these areas.

**Pharmacology and Therapeutics pathway** – study how drugs are designed and how they work in the body. Become familiar with research and development in the new generation of 'smart' drugs and how they are being targeted for specific sub-set of disorders.

**Year 1** In your first year you will explore the science that underpins the advancement of modern medical practice. The emphasis is on understanding the normal functioning of the human body, from enzymes through to whole biological systems. Without this core knowledge of how the body works, it would be impossible for us, as scientists, to devise the new diagnostic tests, drugs or treatments that will best benefit patients.

**Year 2** The second year focuses on the scientific basis of important diseases, beginning with some fundamental insights into the ways in which human biology goes awry in disease. This knowledge is then used to explore how cutting-edge scientific technologies can be exploited to advance disease diagnosis and treatment. You will choose from a number of optional modules.

#### Year 3 Professional Training Year (PTY)

This competitive entry year provides you with an excellent opportunity to gain invaluable experience of working as part of a cutting-edge research team. This gives you the opportunity to discover what it is like to work in a real research laboratory and will enhance your career prospects.

In previous years our students have undertaken placements at major pharmaceutical companies, such as AstraZeneca, Pfizer and Quintiles, along with other organisations including:

- Research laboratories within the NHS
- Harvard Medical School (USA)
- Johns Hopkins University (USA)
- Universities in North America, Australia and Europe
- Health Protection Agency
- BTG International
- Universities of London (King's College, Imperial), Exeter, Plymouth and Southampton

**Final Year** In your final year you have opportunities to study and undertake research to help improve current medical knowledge and practice. In addition to the core modules, you can select from a range of optional specialist advanced modules, enabling you to tailor your degree to match your own specific career ambitions.

#### MEDICAL SCIENCES ENTRY DATA

DEGREE PROGRAMMES	REQUIRED SUBJECTS	TYPICAL OFFER
<b>BSc Single Honours</b> Medical Sciences B100 3 yrs (B101 4 yrs) Medical Sciences (Human Genomics) B109 3 yrs (B119 4 yrs) Medical Sciences (Neuroscience) B106 3 yrs (B116 4 yrs) Medical Sciences (Pharmacology and Therapeutics) B105 3 yrs (B115 4 yrs)	At least one grade A and one grade B in GCE AL science subjects, one of which must be Biology; at least one HL6 and one HL5 in IB science subjects, one of which must be Biology	AAB-ABB; IB: 34-32

GCE AL/AS science subjects include: Biology/Human Biology<sup>▲</sup>; Chemistry; Computing; Design and Technology; Electronics; Environmental Studies; Geography; Geology; Maths/Pure Maths/Further Maths<sup>▲</sup>; Physical Education; Physics; Psychology; Science (applied); Statistics.

▲ if more than one of these is taken they would only count as one 'science' but could count as two A levels towards our general requirements

**International students** can find details of English language requirements and Foundation programmes at [www.exeter.ac.uk/ug/international](http://www.exeter.ac.uk/ug/international)

**Typical Offer** For full and up-to-date information on applying to Exeter and entry requirements, including requirements for other types of qualification, please see [www.exeter.ac.uk/ug/applications](http://www.exeter.ac.uk/ug/applications)

During your study, if you will be working with vulnerable people in a variety of clinical settings you may be required to provide a Criminal Conviction Self Declaration and an enhanced disclosure check via the Disclosure and Barring Service. We will review all significant reports of convictions, cautions and verbal warnings and decide on a candidate's suitability to enter the programme.

# BSc SPORT AND EXERCISE MEDICAL SCIENCES

2nd for Sports Science in *The Times and The Sunday Times Good University Guide 2017*

Top 5 for Sports Science in *The Guardian 2017* and *The Complete University Guide 2017*

1st in the Russell Group for student satisfaction in the National Student Survey 2016

## BSc Sport and Exercise Medical Sciences

(also available with Professional Training Year)  
LOCATION: EXETER (ST LUKE'S CAMPUS)

Taught jointly by the University of Exeter Medical School and Sport and Health Sciences, this programme blends an understanding of the pathology, prevention and treatment of acute or chronic disease/injury, alongside an insight into the science underpinning the optimal preparation, performance and rehabilitation of the athlete or healing patient. The four-year version, with Professional Training Year, offers you the opportunity to undertake a relevant work placement with an employer within the health sector or another appropriate sector.

The programme provides a broad range of career opportunities particularly within medical sciences, rehabilitation, sport science, health and wellbeing sectors. On graduation, you will be well positioned to support the preparation and rehabilitation of athletes, with patients recovering from injury or illness, and to undertake roles aimed at improving lifestyle through increasing levels of sport and exercise in the population at large. You will also be well placed to pursue further postgraduate study in, for example, Sport and Exercise Medicine, Medicine, Physiotherapy, Occupational Therapy, Sports Nutrition or Nursing.

**Year 1** Foundations of Biomechanics; Sports Training Physiology; Foundations of Sports Nutrition and Metabolism; Foundations of Exercise and Sport Psychology; Integrated Clinical Science; Fundamental Skills for Medical Scientists.

**Year 2** Exercise Physiology; Biomechanics and Kinesiology; Sport Psychology; Disease, Diagnostics and Therapeutics; Principles of Good Clinical Practice and Research. Options from: Strength, Conditioning Physiology; Sports Nutrition and Metabolism; Skill Acquisition; Learning and Teaching in Physical Education; Medical Research Evaluation; Foundation in Neuroscience; Introduction to Pharmacology; Medical Genetics; Immunopathology; Anatomical Sciences.

**Year 3** Dissertation or Research Project and Personal Development Planning; Medical Imaging – Principles and Applications; Advanced Rehabilitation Medicine. Options from: Rehabilitation Medicine; Biomechanical Analysis of Human Movement; Clinical Exercise Prescription; Employability and Career Development; Paediatric Exercise Physiology; Sport, Physical Activity and Health; Sport Psychology; Physiological Determinants of Exercise Performance; Integrated Physiology and Adaption to Physical (in)Activity; Medical Genomics; Pharmacogenomics; Rational Drug Design; Neuropharmacology.

## SPORT AND EXERCISE MEDICAL SCIENCES ENTRY DATA

DEGREE PROGRAMMES	REQUIRED SUBJECTS	TYPICAL OFFER
<b>BSc Single Honours</b> Sport and Exercise Medical Sciences BC03 3 yrs  Sport and Exercise Medical Sciences with Professional Training Year BC04 4 yrs	GCE AL Biology grade B and another science at grade B; IB Biology HL5 and second science HL5	AAA-AAB; IB: 36-34

**Additional Selection Criteria** Please ensure you read the information on additional selection criteria at [www.exeter.ac.uk/ug/sport](http://www.exeter.ac.uk/ug/sport)

GCE AL/AS science subjects include: Biology/Human Biology<sup>▲</sup>; Chemistry; Computing; Design and Technology; Electronics; Environmental Studies; Geography; Geology; Maths/Pure Maths/Further Maths<sup>▲</sup>; Physical Education; Physics; Psychology; Science (applied); Statistics.

<sup>▲</sup> If more than one of these is taken they would only count as one 'science' but could count as two A levels towards our general requirements

**International students** can find details of English language requirements and Foundation programmes at [www.exeter.ac.uk/ug/international](http://www.exeter.ac.uk/ug/international)

**Typical Offer** For full and up-to-date information on applying to Exeter and entry requirements, including requirements for other types of qualification, please see [www.exeter.ac.uk/ug/applications](http://www.exeter.ac.uk/ug/applications)



## ST LUKE'S CAMPUS

In the first two years, medical students are primarily based at the University's St Luke's Campus in Exeter which is close to the Royal Devon and Exeter Foundation NHS Hospital. Students studying Medical Sciences will also be taught at the Streatham Campus. The two campuses are about a 25-minute walk or a short bus ride apart and buses run frequently.

Students have studied at St Luke's for over 150 years and the campus enjoys a vibrant atmosphere in which everyone soon gets to know each other. As you walk through the arches of the traditional North Cloisters you will see the lawns of the quadrangle surrounded by modern teaching buildings, including the Medical School building.

# UNIVERSITY LIFE

## Academic facilities

Academic facilities include a comprehensive and modern library, IT facilities and support, and modern seminar rooms and lecture theatres. The Life Sciences Resource Centre and a telematic lecture theatre are also on site. Significant investment is being made in new multi-million pound teaching facilities on the campus. At both sites you will have access to Clinical Skills Resource Centres.

## Students' Guild

Our Students' Guild is recognised as one of the UK's leading students' unions and is a dynamic, innovative and award-winning organisation. It organises many events and activities on the St Luke's Campus, which students of the Medical School take full advantage of, along with all the academic, social and sporting facilities at the Streatham Campus.

## Societies

At Exeter, thousands of students sign up to over 220 different Guild-affiliated societies. These societies cover a wide range of activities enabling our students to get fully involved with University life. Societies range from Archaeology, Jazz Orchestra and the Expedition Society, to the Ski Club and Welsh Societies. If there's a club you want that we don't have, we'll help you to set it up. The full list is available at [www.exeterguild.com/societies](http://www.exeterguild.com/societies)

## Sport

For many students, sport is a defining factor in their overall student experience while at Exeter. Success in sport at the University of Exeter continues each year, both in competition, where we finished 6th in the British Universities and Colleges Sports

(BUCS) rankings for 2014/15, and in recreational sport with increasing numbers of individuals and teams enjoying the facilities across our campuses.

Our teams compete for national titles in numerous competitions including cricket, golf, hockey, netball, rowing, rugby union, sailing, squash, surfing and tennis. The University has invested in the region of £12 million in the last few years to create our superb sports facilities, and they are now amongst the best in the UK and include a £2.25 million indoor cricket centre on the Streatham Campus. A further £8.1 million in developments to the Sports Park resulted in the opening of the Russell Seal Fitness Centre in September 2013. St Luke's Campus also has excellent facilities for sport including a sports hall, an air-conditioned health and fitness studio and an indoor heated swimming pool. Find out more at [www.exeter.ac.uk/sport](http://www.exeter.ac.uk/sport)

## Accommodation

Starting university can be daunting, but living in university accommodation gives you a great way to settle in and make friends quickly. All of our accommodation offers a safe and secure community in which you can start your university career.

In recent years we have made a multi-million pound investment in the building of new accommodation on all our campuses, which are designed to the highest standard and complement our existing residences.

At our campuses in Exeter we have something for everyone, from catered halls and self-catered accommodation, to self-contained family flats. Visit the Accommodation website for full details [www.exeter.ac.uk/accommodation](http://www.exeter.ac.uk/accommodation)

# ABOUT THE UNIVERSITY OF EXETER

Top 1% of universities worldwide (*Times Higher Education*)

9th in *The Times and The Sunday Times Good University Guide 2017*

Six months after graduation, 94% of our first degree graduates were in employment or further study  
(HESA 2014/15)

Our teaching is inspired by our research, 98% of which is of international quality (2014 Research Excellence Framework)

We have 21,000 students from 181 countries, and they are the most satisfied in the Russell Group (NSS)

## VISIT US TO FIND OUT MORE

### Open Days

You can register your interest now for our Open Days and receive priority access to book your place\*; visit [www.exeter.ac.uk/opendays](http://www.exeter.ac.uk/opendays)

\* Pre-registration only guarantees priority access to the booking system and is not an absolute guarantee of a place at any of our Open Days. Booking is essential and is on a first-come, first-served basis.

Exeter campuses:

Friday 2 June 2017

Saturday 3 June 2017

Saturday 2 September 2017

### Campus Tours

We run campus tours at the Streatham Campus each weekday, and at St Luke's Campus on Tuesdays and Fridays during term time. You'll be shown round by a current student, who'll give you a first-hand account of what it's like to live and study at the University.

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[www.exeter.ac.uk/medicine](http://www.exeter.ac.uk/medicine)



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