Veterinary Science  BVSc

COURSE DETAILS
• A level requirements: AAA
• UCAS code: D100
• Study mode: Full-time
• Length: 5 years

KEY DATES
• Apply by: 16 October 2023
• Starts: 23 September 2024

Course overview
Our course is designed to create practical, compassionate and resilient veterinary surgeons and to equip our graduates with the skills and qualities required to practice in the 21st century.

INTRODUCTION
Our integrated spiral curriculum offers an innovative approach to teaching and learning, where subjects are revisited year on year with an increasing focus on clinical application as the course progresses. Professional and clinical skills are introduced from day one, encouraging our students to engage with all aspects of veterinary science from the moment they begin the course. The curriculum provides opportunities to get involved with veterinary research, and to intercalate or study abroad. Completion of the course enables registration as a Member of the Royal College of Veterinary Surgeons upon graduation.

The Liverpool BVSc curriculum ensures that graduates:
• Can fulfil the “Day One Competences” – a list of key skills set out by the Royal College of Veterinary Surgeons
• Have the knowledge, expertise and attitudes required for a career in clinical or academic veterinary practice, business or scientific research
• Are equipped with the skills to become lifelong learners, committed to their own professional development
• Are able to meet the needs of the profession as set out in the Vet Futures report.

Programme in detail
You will study the science of normal structure and function, the welfare and husbandry of animals and the mechanisms and treatment of disease. You will begin learning and using practical skills from day one, taking advantage of our dedicated facilities to develop animal handling skills and using the clinical skills lab to practice the essential techniques required in every field of veterinary practice such as
bandaging, injection technique, lab analysis, suturing and knot tying. You will learn how to communicate effectively with others, in both written and spoken form, and you will get to put this into practice with professional actors who act as your clients in simulated veterinary consultations.

You will continue to build on this knowledge in second year, adding further practical techniques and learning about veterinary research in our research skills course. In third year you will complete a research project, allowing you to study an area of interest in much more detail.

Our professional skills thread runs throughout the whole five years of the course and allows you to develop an awareness of the importance of practice finance and learn about how veterinary businesses operate, as well as developing your communication and consultation skills.

The fourth and final year are based at Leahurst where we have two large working farms, and first opinion and referral practices who see small animal, equine and farm species (small animal first opinion is in Liverpool). You will finish a lecture based clinical theory course by the February of fourth year and then complete 36 weeks of clinical rotations spread equally between production animal, equine and small animals with dedicated rotations in ophthalmology and exotics medicine. Over 90% of rotations take place at the Leahurst Campus, alongside students gaining front line experience in commercial practices during their 26 weeks of extra-mural studies (EMS).

Following your clinical rotations, you will have the chance to choose an elective subject to study in greater depth. This three week block follows final exams and therefore allows you to effectively practice as a vet whilst still benefiting from the support and expertise of the staff at the teaching site.

During the BVSc degree at Liverpool, you have the opportunity to take a year out from the veterinary science programme to study for an additional, intercalated degree. A wide variety of subjects are available, both at Liverpool and other universities in the UK and abroad, and examples range from basic sciences to our world renowned BSc in Veterinary Conservation Medicine.

**WHAT YOU’LL LEARN**

- The vital qualities and skills to practice veterinary science in the 21st century.
- A development of professional and clinical skills to encourage engagement with all aspects of Veterinary science/practice.
- Knowledge, expertise and attitudes required for a career in clinical or academic veterinary practice, business or scientific research.
- Essential techniques required in every field of veterinary practice such as bandaging, injection technique and lab analysis.
- Animal handling and the use of the clinical lab skills to practice the essential techniques required in every field of veterinary practice.
- The importance of practice finance and how veterinary businesses operate.
- Communication/consultation skills. Put into practice with professional actors acting as clients in simulated veterinary consultations.
Course content
Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

YEAR ONE
- Animal husbandry and welfare
- Infectious diseases
- Normal structure and function
- Professional, clinical and study skills
- Public health and epidemiology

Programme details and modules listed are illustrative only and subject to change.

YEAR TWO
- Animal husbandry
- Infectious diseases
- Normal structure and function
- Professional, clinical and research skills
- Public health and epidemiology

Programme details and modules listed are illustrative only and subject to change.

YEAR THREE
- Management of disease, pathology and parasitology, Professional (including business), clinical and research skills, public health and epidemiology.

Programme details and modules listed are illustrative only and subject to change.

YEAR FOUR
- Clinical rotations
- Management of disease

Programme details and modules listed are illustrative only and subject to change.

YEAR FIVE
- Clinical rotation
- Electives

Programme details and modules listed are illustrative only and subject to change.
HOW YOU’LL LEARN

There is a combination of problem-based learning, didactic teaching and small-group practical classes allowing students to develop lifelong learning techniques.

LIVERPOOL HALLMARKS

We have a distinctive approach to education, the Liverpool Curriculum Framework, which focuses on research-connected teaching, active learning, and authentic assessment to ensure our students graduate as digitally fluent and confident global citizens.
Careers and employability
The vast majority of veterinary students find employment within six months of graduation. Most newly qualified vets choose to work in private veterinary practices. Others decide to work for animal charities, in laboratories, abattoirs, industry or the public health sector, and some pursue careers in research. Others go on to higher degrees, for example PhDs, or further studies in particular veterinary specialities.

100% OF VETERINARY SCIENCE STUDENTS FIND THEIR MAIN ACTIVITY AFTER GRADUATION MEANINGFUL.
Graduate Outcomes, 2018-19.

POSTGRADUATE OPPORTUNITIES
- Veterinary Science MSc
- Veterinary Science PhD/ MPhil/ DVS
- Bovine Reproduction DBR

QUALIFYING YOU FOR LIFE
Our programme offers considerable opportunities for you to learn, to practise and to be assessed in the following key transferable skills:
- Adopt the principles of lifelong learning
- Retrieve, manage and manipulate information by all means, including electronically
- Deal with uncertainty and work within a changing environment
- Present information clearly in written, electronic and oral forms, and communicate ideas and arguments effectively
- Effectively manage time and resources and set priorities
- Apply the principles of scientific research and audit
- Study topics in depth
- Teach effectively and act as a mentor to others
- Work effectively within a team.

PREPARING YOU FOR FUTURE SUCCESS
At Liverpool, our goal is to support you to build your intellectual, social, and cultural capital so that you graduate as a socially-conscious global citizen who is prepared for future success. We achieve this by:
- Embedding employability within your curriculum, through the modules you take student and graduate employers as well as our global alumni.
- Providing you with the latest tools and skills to thrive in a competitive world, including access to Handshake, a platform which allows you to create your personalised job shortlist and apply with
and the opportunities to gain real-world experience offered by many of our courses.

- Providing you with opportunities to gain experience and develop connections with people and organisations, including

- Supporting you through our peer-to-peer led Careers Studio, where our career coaches provide you with tailored advice and support.
Fees and funding
Your tuition fees, funding your studies, and other costs to consider.

TUITION FEES

<table>
<thead>
<tr>
<th>UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)</th>
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<tr>
<td>Full-time place, per year</td>
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<td>Year abroad fee</td>
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<tr>
<th>International fees</th>
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<tr>
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<td>Year abroad fee</td>
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Fees stated are for the 2023-24 academic year and may rise for 2024-25.
Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support. Learn more about tuition fees, funding and student finance.

ADDITIONAL COSTS
We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. This could include buying a laptop, books, or stationery.

Find out more about the additional study costs that may apply to this course.

SCHOLARSHIPS AND BURSARIES
We offer a range of scholarships and bursaries to help cover tuition fees and help with living expenses while at university.

Scholarships and bursaries you can apply for from the United Kingdom
# Entry requirements

The qualifications and exam results you’ll need to apply for this course.

## Information for prospective applicants

Please refer to the [Veterinary Science Prospective Applicants page](#) for important guidance notes and detailed information for BVSc (D100) applicants.

Applicants to Veterinary Science should be aware that students will be required as part of the registration process at the start of their studies to undergo an occupational health assessment.

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<tr>
<th>Your qualification</th>
<th>Requirements</th>
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<tr>
<td>GCSE</td>
<td>At least five GCSEs at grade 7 (A) including two science GCSEs (either as separate subjects or e.g. dual award science). With at least a grade 6 (B) in English (literature or language) and Mathematics.</td>
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<td>Subject requirements</td>
<td>For applicants from England: Where a science has been taken at A level (Chemistry, Biology or Physics), a pass in the Science practical of each subject will be required.</td>
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<td>BTEC Level 3 National Extended Diploma</td>
<td>We no longer accept BTEC qualifications.</td>
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<td>International Baccalaureate</td>
<td>36 points overall to include, Grade 6 at Higher Level Biology, Grade 6 at Higher Level Chemistry, Grade 6 at Higher Level in any other subject.</td>
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<td>Irish Leaving Certificate</td>
<td>Grade A1 (H1) in Biology, A1 (H1) in Chemistry, Grades A1 (H1), A1 (H1), B1 (H2), B1 (H2) in four further subjects, to include Physics or Maths. New grades to be awarded in 2017 are those indicated in brackets.</td>
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<td>Requirements</td>
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<td>Scottish Higher/Advanced</td>
<td>Not accepted without Advanced Highers. Grade B in Biology at Advanced Higher, Grade B in Chemistry at Advance Higher, Grade AA in Biology and Chemistry and Grades AAB in 3 other subjects at Higher Level.</td>
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<td>Higher/Advanced Higher</td>
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<td>Welsh Baccalaureate Advanced</td>
<td>Accepted in place of a third A level</td>
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<td>Access</td>
<td>Kitemarked level 3 Access to Medicine at pre-approved colleges is required with a minimum of 15 credits in Biology and a minimum of 15 credits in Chemistry. Approval MUST be obtained prior to application. Please contact the Admissions Office for further information.</td>
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<td>Work Experience Requirements</td>
<td>Candidates should have work experience in both animal husbandry and clinical (veterinary practice) setting. For more information, please see the Veterinary Science Prospective Applicants page.</td>
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<tr>
<td>International qualifications</td>
<td>Many countries have a different education system to that of the UK, meaning your qualifications may not meet our entry requirements.</td>
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**ALTERNATIVE ENTRY REQUIREMENTS**

- If your qualification isn’t listed here, or you’re taking a combination of qualifications, contact us for advice
- Applications from mature students are welcome.