**IN THE TOP 5 OF THE RUSSELL GROUP FOR STUDENT SATISFACTION (NSS 2019)**

**WE ARE RANKED 2ND IN THE RUSSELL GROUP FOR TEACHING (NSS 2019)**

**29,000 STUDENTS FROM MORE THAN 140 COUNTRIES**

**ONE OF THE TOP 100 UNIVERSITIES IN THE WORLD**

**A MEMBER OF THE RUSSELL GROUP OF RESEARCH-INTENSIVE UK UNIVERSITIES**

**RANKED 1ST IN THE UK FOR ANIMAL SCIENCE (THE TIMES & SUNDAY TIMES UNIVERSITY LEAGUE TABLE 2020)**

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**VETERINARY BIOSCIENCES**

Veterinary biosciences is a biological sciences programme designed to provide students with a strong understanding of the key elements that underpin all modern biological sciences, with a major focus on the biology of health and disease in animals.

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<tr>
<th>BSc (Hons) (D300): Four years</th>
<th>MSci: Five years</th>
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<tbody>
<tr>
<td>You may apply for transfer to the MSci mid-programme. MSci applications are NOT taken via UCAS.</td>
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<tr>
<td>At the discretion of the programme leader, students with particular entry qualifications may be allowed direct entry into year 2.</td>
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</table>

In this programme you will learn about the science that underpins the biology of animal health and disease. You will develop a range of core transferable skills as well as research skills including laboratory-based investigations, statistics, data handling and effective scientific communication and you will also get the opportunity to conduct independent research.

**Year 1**

In the first year of the programme you will study a range of subjects including animal anatomy and physiology, chemistry and biology.

**Year 2**

You will study principles of animal management, physiology and molecular sciences and receive training in basic research skills.

**Year 3**

You will study the pathogenesis, diagnosis and management of disease and develop an appreciation of current challenges in these fields. You will develop further skills in research and diagnostic technologies.

**Year 4**

In the final year of the programme you will develop advanced professional and quantitative skills and study population medicine, epidemiology and animal welfare and conservation. The second semester features a full-time 12 week research project at the School of Veterinary Medicine or another approved institution.

**MSci**

The MSci includes an additional work placement year in industry or a research institute after year 3 with students returning to complete a final year as detailed above. This offers an excellent opportunity to gain further research skills and exposure to a workplace environment.

**Special features**

The Veterinary Biosciences programme at Glasgow is run in collaboration with associated research institutes across both Gilmorehill and Garscube campuses. The School of Veterinary Medicine has its own working farm, the Scottish Centre for Production Animal Health & Food Safety large animal facility, Wepers Centre Equine Hospital and Small Animal Hospital, all for potential use in teaching and practical sessions.

**Career prospects**

The specialist, applied and hands-on nature of this programme prepares students for a varied and fulfilling range of careers in veterinary biosciences. Our students have progressed to graduate degrees in specialist areas of biomedical sciences, as well as directly into careers in animal nutrition, animal care, conservation and welfare, public health, veterinary diagnostic and scientific research, veterinary physiotherapy, secondary school teaching, the pharmaceutical industry, and epidemiological and disease risk assessment.

The School of Veterinary Medicine runs a requisite widening participation programme for the recruitment and support of under-represented groups of students; see glasgow.ac.uk/study/wp.

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**Summary of entry requirements for Veterinary Biosciences**

- **SQA Higher Entry Requirements** (entry from end of S5)
  - AAAAAAB Higher or AABBB Higher + C Advanced Higher. Minimum consideration ABBBBB or ABBB + Advanced Higher
  - Additional requirements: Higher Chemistry, Biology and Maths/Physics. Advanced Higher Chemistry or Biology
  - SQA Higher Adjusted Entry Requirements* (by end of S6)
    - ABB/ABB or BBB + C Advanced Higher
    - Additional requirements: Higher Chemistry, Biology and Maths/Physics. Advanced Higher Chemistry or Biology
  - * See glasgow.ac.uk/accessglasgow for eligibility.

- **MQA Higher Standard Entry Requirements**
  - AAB – BBB
  - Additional requirements: A-Level Chemistry or Biology
  - IB Standard Entry Requirements
    - 36 (6,6,5 HL) – 32 (6,5,5 HL)
    - Additional requirements: HL Chemistry or Biology
  - Advanced Entry into Level 2
    - Advanced Higher AA, A-Levels A*AA
    - Additional requirements: Chemistry and Biology at A
    - Biology based HNC/HND or other institutional study considered on a case by case basis.

For detailed entry requirements see glasgow.ac.uk/ug/veterinarybiosciences.

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**How to apply**

For full-time study you must apply through the Universities & Colleges Admissions Service (UCAS). See ucas.com.

**Why choose Glasgow?**

The programme is delivered by leading expert life scientists and veterinary clinicians. Glasgow is ranked 1st in the UK for Animal Science (The Times and Sunday Times Good University Guide 2020) and one of the best in the UK for quality of veterinary research (REF 2014).

[glasgow.ac.uk/ug/veterinarybiosciences](glasgow.ac.uk/ug/veterinarybiosciences)

* [Discover Uni](https://www.discoveruni.gov.uk), January 2020

[vet-admissions@glasgow.ac.uk](mailto:vet-admissions@glasgow.ac.uk)
Every effort has been made to ensure the accuracy of the information contained within this leaflet at the time of publication. Information is subject to alteration without notice.

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