University of Glasgow | College of Medical, Veterinary & Life Sciences

MVLS Learning and Teaching Committee

Excerpt of Meeting of the Committee held 28 October 2011

MVLSLTC/2011/112.2 *School of Veterinary Medicine*
6210 B.V.M.S.
6162 B.V.M.S.

These Proposals had been made to include/clarify the admittance of students to intercalated Degree programmes, including Masters level, and subsequent readmission to the BVMS Programme. Proposal 6162 including the intercalated option had been approved prior to the meeting.
However, Proposal 6210, which included additional text for clarity, had subsequently been loaded on to PIP and Senate were aware of the requested change. This was approved by the Committee.

The Committee acknowledged that the possibility of intercalating to a Masters Degree in other Programmes had already been requested by some students and it was expected that this will require discussion at a future date.

From: Jill Morrison [Jill.Morrison@glasgow.ac.uk]
Sent: 24 October 2011 15:55
To: Christopher Loughrey
Cc: Fran McCulloch
Subject: Intercalated MSC degree - School of Veterinary Medicine

Dear Christopher,
I write to confirm that I have given chairman's approval for the Intercalated MSc degree (course number 6162) in the School of Veterinary Medicine on behalf of the Board of Studies of the College of Medicine, Veterinary Medicine and Life Sciences after reviewing the documentation. We will formally record approval for the degree in the Board of Studies minute at our meeting on 28th October 2011 and forward the extract of the minute to Academic Standards Committee as soon as possible after that.
Best wishes,
Jill

Professor Jill Morrison
Dean for Learning and Teaching

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General Practice and Primary Care
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Extract from the minutes from the School Learning & Teaching Committee meeting held on 9 November 2011

VSL&T/2011/12. **BVMS Programme Specification – amendment**

Section 14 of the BVMS Programme Specification was amended to reflect the Intercalated Degree option. The committee approved this amendment.

A minute extract will be sent to Academic Standards Committee.

Action: AWM

University of Glasgow | School of Veterinary Medicine

26 October 2011

Senate Office
University of Glasgow
Glasgow
G12 8QQ

To Whom It May Concern

I confirm on behalf of the School Learning & Teaching Committee that I have given School approval for the incorporation of additional wording to the BVMS Programme Specification (proposal id: 6162) relating to the Intercalated MSc degree in the School of Veterinary Medicine. We will formally record approval for the updated Programme Specification at the School Learning & Teaching meeting on 9th November 2011 and forward the extract of the minute to Academic Standards Committee as soon as possible after that.

Yours faithfully

Ewan Cameron
Head of School

Professor Ewan Cameron
BVMS PhD MRCVS
Head of School

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Programme Specification[1]

1. Programmes: *** Please insert the titles of the programmes covered by this specification document, stating clearly the qualification and desired subject of study. e.g. MA Honours in History or MSc in Information Technology. Enter the principal final award in the main approving college first then below that any other possible awards or equivalent principal awards in the same subject in other colleges (e.g. a BSc Honours in Geography may also be available as an MA Honours in Geography). Do not include exit points or other programmes which cannot be applied to directly, unless a new exit award is required linked to this degree. In such circumstances, add the new exit point below on a separate line. Leave the right column blank - this is for administrative use only.*

Programme Title	**UCAS GU Code Code**
Bachelor of Veterinary Medicine and Surgery	D100 D100-2104

2. Attendance Type: *** Is this programme Full Time, Part Time or Both?*

Full Time

2.1 SCQF Level: *** Please select the SCQF level (see Appendix 1 of the guidance notes) from the list.*

11

2.2 Credits: *** Please enter the number of credits, which could be e.g. 180, 360, or 480.*

600

3. Awarding Institution:

University of Glasgow

4. Teaching Institutions: *If more than one institution is involved in the delivery of the programme, please list those involved.*

5. College: *** Please select the college with responsibility for approving the programme.*

College of Medical Veterinary and Life Sciences

6. School/Institute: *** Please select the school/institute to which the programme belongs from the list. If more than*

[1] This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if full advantage is taken of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each course can be found in course handbooks and other programme documentation and online at www.gla.ac.uk

The accuracy of the information in this document is reviewed periodically by the University and may be checked by the Quality Assurance Agency for Higher Education.

one school/institute is involved in the delivery of the programme, then please record only the lead school/institute.

Veterinary Medicine [REG20300000]

7. Programme Accredited By: *Please provide details of relevant Professional or Statutory Bodies if applicable.*

American Veterinary Medical Association (AVMA)
European Association of Establishments for Veterinary Education (EAEVE)
Royal College of Veterinary Surgeons (RCVS)

8. Entrance Requirements: *** Explain the entry requirements or provide a link to the appropriate section of the on-line prospectus.*

Please refer to the current undergraduate prospectus at: http://www.gla.ac.uk/undergraduate/prospectus/

8.1 ATAS Certificate Requirement: *** If this programme falls into the small set of subject areas that are considered to be of a sensitive scientific or technological nature and require students studying on it to have a certificate from the Academic Technology Approval Scheme, please indicate this below. More information about the ATAS Certificate requirement can be found at http://www.fco.gov.uk/en/about-us/what-we-do/services-we-deliver/atas/*

No

9. Programme Aims: *** See Section 5.2 of the Guidance Notes. Please remember that the aims should be written in a student-friendly way.*

Veterinary science is the study, diagnosis, treatment and prevention of disease in animals; both as individuals and as groups.

The BVMS programme is designed, in a research rich environment, to imbue the knowledge, philosophy, professional and technical skills such that the graduate feels confident to practice the art and science of veterinary medicine and surgery, and which prepares students for the profession that anticipates life-long learning and continuing professional development. In achieving these objectives, the students are enabled to meet the requirements of accreditation bodies; Quality Assurance Agency for Higher Education (QAA), EAEVE, AVMA, and RCVS, where the latter 2, respectively, have identified clinical & day 1 core competencies expected of graduating students.

Programme aims

- To develop an understanding of the structure & function of healthy animals and the role of management practices in promoting animal welfare
- To develop an understanding of the mechanisms of disease in animals and to recognise the importance of prevention, therapy & surgical intervention in maintaining animal welfare
- To develop an ethical approach and an appreciation of the broader societal importance of animal health and welfare. This includes the economic, public health, environmental and legal considerations which must inform veterinary practice
- To support individual personal and professional development to produce confident, adaptable, reflective individuals who have a clear understanding of the roles and responsibilities of the Veterinary Professional
- To develop an understanding of the scientific method, the role of research and the capacity for critical evaluation, which forms the basis of life-long learning, and underpins professional decision making.
- To provide opportunities to develop and demonstrate the specific practical, clinical & professional skills, knowledge and attributes which are considered by the relevant accrediting bodies (RCVS, AVMA, EAEVE, QAA) to be essential competencies for the graduating veterinary professional.

10. Intended Learning Outcomes of Programme: *** See Section 5.3 of the Guidance Notes. This field should describe the programme's intended learning outcomes, reflecting the core attributes of a graduate of the programme. The intended learning outcomes should summarise what all students should be able to do or to demonstrate, in terms of particular knowledge and understanding, qualities, skills and other attributes, and should be written at a level that reflects the final award.*

The programme provides opportunities for students to develop their knowledge, clinical and professional skills so that they meet the requirements of the accrediting bodies. These attributes are summarised below in an amended form of the Royal College of Veterinary Surgeons Day One Competencies:

A1 - GENERAL PROFESSIONAL SKILLS AND ATTRIBUTES

The new veterinary graduate shall be able to:

A1.1 Communicate effectively with clients, the lay public, professional colleagues and responsible authorities; listen effectively and respond sympathetically to clients and others, using language in a form appropriate to the audience and the context

A1.2 Prepare clear case reports and maintain patient records in a form satisfactory to colleagues and understandable by the public

A1.3 Work effectively as a member of a multi-disciplinary team in the delivery of services to clients

A1.4 Demonstrate an awareness of the ethical responsibilities of the veterinary surgeon in relation to individual patient care and client relations, and also more generally in the community in relation to their possible impact on the environment and society as a whole

A1.5 Demonstrate an awareness of the economic and emotional climate in which the veterinary surgeon operates, and respond appropriately to the influence of such pressures

A1.6 Demonstrate their willingness to use their professional capabilities to contribute as far as possible to the advancement of veterinary knowledge in order to benefit veterinary practice and further improve the quality of animal care and public health

A1.7 Demonstrate an elementary knowledge of the organisation and management of a veterinary practice, including:

- awareness of own and employer's responsibilities in relation to employment and health and safety legislation, and the position relating to lay staff and public liability
- awareness of how fees are calculated and invoices drawn up, and the importance of following the practice's systems for record keeping and book-keeping, including computer records and case reports
- ability to use information technology effectively to communicate, share, collect, manipulate and analyse information
- importance of complying with professional standards and policies of the practice

A1.8 demonstrate their understanding of their need and professional obligation to a commitment to continuing education and training, and professional development, throughout their professional life

A1.9 Conduct them self in a professional manner with regard to the veterinary surgeon's professional and legal responsibilities and demonstrate an understanding and application of the principles in the ethical codes as set out in the RCVS Guide to Professional Conduct

A1.10 Demonstrate an ability to cope with uncertainty and adapt to change

A1.11 Demonstrate a capacity for self-audit and willingness to participate in the peer-review process

A1.12 Demonstrate an awareness of personal limitations, and demonstrate awareness of when and from where to seek professional advice, assistance and support.

B1 - UNDERPINNING KNOWLEDGE AND UNDERSTANDING

The new veterinary graduate will be able to demonstrate a thorough knowledge and understanding of the following:

B1.1 The sciences on which the activities of veterinary surgeons are based

B1.2 Research methods and the contribution of basic and applied research to all aspects of veterinary science

B1.3 How to evaluate evidence

B1.4 The structure and functions of healthy animals, and all aspects of their husbandry

B1.5 The aetiology, pathogenesis, clinical signs, diagnosis and treatment of the common diseases and disorders that occur in the common domestic species in the UK

B1.6 Legislation relating to the welfare (including transport) of animals and notifiable diseases

B1.7 Medicines legislation and guidelines on responsible use of medicines

B1.8 The principles of disease prevention and the promotion of health and welfare

B1.9 Veterinary public health issues including zoonoses.

C1 - PRACTICAL COMPETENCES

The new veterinary graduate shall be able to demonstrate their ability to undertake the following:

C1.1 Obtain an accurate and relevant history of the individual animal or animal group, and its/their environment

C1.2 Handle and restrain an animal safely and humanely, and instruct others in performing these techniques

C1.3 Perform a complete clinical examination

C1.4 Attend all species in an emergency and perform basic first aid

C1.5 Assess correctly the nutritional status of an animal and be able to advise the client on principles of husbandry and feeding

C1.6 Collect, preserve and transport samples, perform standard laboratory tests, and interpret the results of those generated in-house, as well as those generated by other laboratories

C1.7 Use radiographic, ultrasonic, and other technical equipment which can be used as a diagnostic aid, safely and in accordance with current regulations

C1.8 Follow correct procedures after diagnosing notifiable, reportable and zoonotic diseases

C1.9 Know and apply the RCVS twelve Principles of Certification correctly

C1.10 Access the appropriate sources of data on licensed medicines; prescribe and dispense medicines correctly and responsibly in accordance with relevant legislation and ensure that medicines and waste are safely stored and/or disposed of

C1.11 Correctly apply principles of sterilisation of surgical equipment

C1.12 Correctly apply principles of aseptic surgery

C1.13 Safely perform sedation, general and regional anaesthesia, implement chemical methods of restraint, and assess and control pain

C1.14 Advise on, and administer appropriate treatment

C1.15 Recognise when euthanasia is necessary and perform it humanely, using an appropriate method, whilst showing sensitivity to the feelings of owners and others, and with due regard to the safety of those present; advise on disposal of the carcase

C1.16 Perform a basic gross post mortem examination, record details, sample tissues, store and transport them

C1.17 Perform ante mortem inspection of animals destined for the food chain and correctly identify conditions affecting the quality and safety of products of animal origin

C1.18 Assess and implement basic health and welfare records (and production records where appropriate)

C1.19 Advise on, and carry out preventive and prophylactic programmes appropriate to the species and commensurate with accepted animal health, welfare and public health standards, seeking advice and assistance where necessary from professional colleagues

C1.20 Minimise the risks of contamination, cross infection and accumulation of pathogens in the veterinary premises and in the field.

11. Assessment Methods: *** See Section 5.4 of the Guidance Notes. This field should provide an overview of the assessment methods used in the programme, bearing in mind that assessment takes place at course level.*

Clinical rotations:

ILOs: A1.2, A1.3, A1.5, A1.7, A1.10, B1.1, B1.4, B1.5, B1.6, B1.7, B1.8, B1.9, C1.1, C1.2, C1.3, C1.5, C1.6, C1.7, C1.8, C1.9, C1.10, C1.11, C1.12, C1.13, C1.14, C1.15, C1.16, C1.17, C1.18, C1.19, C1.20

Clinical examinations

ILOs: A1.5, B1.1, B1.4, B1.5, B1.6, B1.7, B1.8, B1.9, C1.1, C1.3, C1.5,C1.7, C1.8, C1.9, C1.10, C1.11, C1.13, C1.17, C1.18, C1.19C1.20

Collaborative Learning Assignments

ILOs: B1.1, B1.2,

Laboratory workbooks

ILOs: B1.1, B1.2,

Library projects

ILOs: B1.1, B1.2, B1.3,

Objective Structured Clinical Examinations (OSCE)

ILOs: A1.1, A1.7, B1.4, B1.5, B1.6, C1.1, C1.2, C1.3, C1.4, C1.5, C1.6, C1.7, C1.8, C1.10, C1.11, C1.12, C1.13, C1.14, C1.16, C1.17, C1.18, C1.20

Open Essay

ILOs: B1.1, B1.2, B1.3, 1.8, B1.9, C1.18,

Practical examinations

ILOs: B1.1,

Self Directed Learning Assignments

ILOs: B1.1, B1.2, B1.3,

Written: essay, short question, MCQ

ILOs: A1.4, A1.7, A1.9, B1.1, B1.2,B1.3, B1.4, B1.5, B1.6, B1.7, B1.8, B1.9, C1.4, C1.6, C1.7, C1.8, C1.9, C1.10, C1.11, C1.12, C1.13, C1.14, C1.15, C1.16, C1.17, C1.18, C1.20

Portfolio

ILOs: A1.6, A1.7, A1.8, A1.10, A1.11, A1.12, B1.9, C1.14,

12. Learning and Teaching Approaches: *** See Section 5.5 of the Guidance Notes. This field should identify the learning and teaching approaches for the programme.*

Clinical Case Work
Clinical Skills Training
Clinic pathological Demonstrations
Collaborative Learning
Debates
Laboratory Practicals
Lectures
Library Projects
Oral Presentations
Reflective portfolio
Self Directed Learning
Seminars
Tutorials
Workplace Visits (experiential learning)

13. Relevant QAA Subject Benchmark Statements and Other External or Internal Reference Points:
See Sections 1.3 and 5.6 of the Guidance Notes. Please refer to any QAA subject benchmark statement relevant to this programme by means of its URL, e.g. www.qaa.ac.uk/academicinfrastructure/benchmark/honours/chemistry.pdf. Likewise refer to any other relevant benchmark, such as the requirements of a professional statutory body. Enter 'Not applicable' if there is no such benchmark.

See QAA Benchmark Statement for Veterinary Science
www.qaa.ac.uk/academicinfrastructure/benchmark/honours/vet_sci.asp

See SCQF Level descriptors:
www.scqf.org.uk/levels.asp

14. Programme Structure and Features: *** See Section 5.7 of the Guidance Notes. Please retain the standard text provided under the sub-heading 'Regulations' and above this provide an easily-understood description of the programme structure.*

The BVMS programme is 5 academic sessions in duration, in accordance with EC Directive 2005/36. Accreditation of the BVMS programme by the Royal College of Veterinary Surgeons (RCVS) requires a student to undertake a total of 38 weeks Extra Mural Study (EMS) whilst on the programme. EMS is described by the RCVS as a series of work placements that provide "...students with an unrivalled opportunity to gain real-lifework experience that enhances their university-based studies." Placements are to be undertaken in a range of veterinary context professional and commercial environments. The initial 12 weeks is defined as preclinical focussing on animal management and production. A further 26 weeks of clinical EMS is subsequently required. The nature of the placements is not prescribed and a student is encouraged to tailor their EMS to their personal educational needs and aspirations. A research project will be considered as contributing to clinical EMS. Though organising placements is a responsibility of the student advice is available on suitable opportunities from mentors and other members of school staff. The university requires a student to report their EMS activities and monitors compliance with the RCVS

requirements. A student who fails to discharge their EMS obligation cannot graduate. The RCVS EMS Recommendations, Policy and Guidance are available at http://www.rcvs.org.uk/education/extra-mural-studies-ems/#what

Progress requirements: A candidate cannot proceed to the second, third, fourth and final years of the curriculum until he or she has completed all the courses and achieved grade D3 or better in the Degree Examinations in the preceding session.

The following courses with outline of content are undertaken in the years indicated:

Year 1

Veterinary Professional and Clinical Skills

This course forms part of the Veterinary Professional and Clinical skills vertical theme through the BVMS programme. The 1st year course focuses on: Working with animals; working with people, working with equipment.

Veterinary Anatomy

General anatomical principles, the anatomy of locomotion, cellular structure, basic embryology, organisation of cells into tissues, organs and systems, cellular and tissue specialisation, and the anatomy of the nervous system, vertebral column and body wall

Veterinary Animal Husbandry

An introduction to the main species of farm livestock in terms of expected performance, reproductive efficiency, handling and housing. Studies of companion animals and exotic species, together with welfare and behaviour considerations for all species, are also introduced

Veterinary Biomolecular Sciences

The molecular, biochemical and cellular function of cells and tissues in health and disease in animals with particular reference to domestic animals. Molecular and cellular functions of commensal and pathogenic micro-organisms. Applications of biotechnology to diagnosis and treatment of diseases of animals

Veterinary Physiology

General principles of physiology with particular emphasis on control systems generally: neuromuscular, body fluids, energy metabolism, thermoregulation and homeostatic mechanisms, and the central nervous system and special senses.

Year 2

Veterinary and Professional Clinical Skills

This course forms part of the Veterinary Professional and Clinical skills vertical theme through the BVMS programme. The 2nd year focuses on the Essentials of Veterinary Practice: Key Clinical and Professional skills.

Veterinary Anatomy

The lymphatic system including immunology, the integumentary, circulatory, respiratory, alimentary, reproductive, and urinary systems. Courses are also presented on the anatomy of birds, laboratory and exotic animals and fish. This part of the course is closely integrated with Veterinary Physiology

Veterinary Animal Husbandry

The principal components include the nutrition, housing, breeding, and management of domestic livestock. Advanced husbandry of companion animals, including horses and laboratory animals, is covered.

Veterinary Biomolecular Sciences

The molecular, biochemical and cellular function of cells and tissues in health and disease in animals with particular reference to domestic animals. Molecular and cellular functions of commensal and pathogenic micro-organisms. Applications of biotechnology to diagnosis and treatment of diseases of animals

Veterinary Physiology

Respiratory, cardiovascular and alimentary physiology, endocrinology and reproduction. Special attention is given to the physiology of domesticated animals plus aspects in exotic, laboratory and aquatic species.

Intercalated Degree Programme Options after BVSM II

After successful completion of the first two years of the BVMS programme, a candidate may be admitted at the discretion of the Head of School to study for a one or two year intercalated Bachelors Degree programme. Such a candidate will be re-admitted to the BVMS programme provided he or she resumes

study in the session immediately following that in which he or she completed or terminated the intercalated degree programme.

Year 3

Veterinary Professional and Clinical Skills

This course forms part of the Veterinary Professional and Clinical skills vertical theme through the BVMS programme. The 3rd year course focuses on: Introduction to clinical practice: preparing to join the clinical team and enter the clinical workplace.

Veterinary Microbiology

Basic knowledge of the micro-organisms responsible for the infectious diseases of domestic animals. The bacteria, fungi and viruses causing these diseases are described in relation to their morphology, modes of replication and disease producing mechanisms. In addition, an important part of the course deals with the genetic mechanisms leading to cancer development, particularly those mechanisms used by oncogenic viruses. The principles of vaccination against pathogenic micro-organisms and the epidemiology and control of infectious diseases are considered. Veterinary Public Health is introduced as an important component of veterinary work using knowledge of the potential of some micro-organisms, causing animal diseases, to spread to man and cause serious illnesses

Veterinary Parasitology

The important parasites causing disease in domestic animals, particularly those present within the United Kingdom. The nematodes, cestodes, trematodes, protozoa and ectoparasites of veterinary importance are described. Information is given on parasite diagnosis, pathogenesis and epidemiology with a view to providing a basic understanding of how parasitic disease may be controlled. The overall aim of the course is to provide students with sufficient basic information on the major parasites of veterinary significance as background to the more clinically based approach in subsequent years

Veterinary Pathology

To provide a basic understanding of how diseases develop in domestic animals as a result of biologically harmful events occurring in their cells and organ systems. The disease processes associated with invasion of animals tissues by pathogenic micro-organisms and parasites as well as the tissue injury that results from physical and toxic chemical agents in the environment are explained. Diseases due to immunopathological mechanisms are described and the different types of benign and malignant tumours occurring in animals are considered. The course also explains how animals can resist diseases developing and how healing takes place. There is an introduction to the clinical significance of diseases and to the relationship between animal diseases, food hygiene and public health.

Veterinary Pharmacology

The pharmacology and therapeutics course is designed to provide students with a basic understanding of the pharmacology of drugs, i.e. how they interact with their receptors and the consequences of this interaction at a cellular and whole body level. In addition students will learn how the body deals with drugs, how drugs interact with pathogens e.g. bacteria, viruses and the toxic effects of drugs on the whole animal and on the environment. Students will also gain a clear knowledge of the legislation governing the development and use of drugs in animals. The course provides an essential base from which the therapeutic aspects of pharmacology will be taught during the fourth and final years of the BVMS course

Intercalated Degree Programme Options after BVSM III

After successful completion of the first three years of the BVMS degree programme, a candidate may be admitted at the discretion of the School to study for a one or two year intercalated Bachelors or Masters Degree programme. Such a candidate will be re-admitted to the BVMS programme provided he or she resumes study in the session immediately following that in which he or she completed or terminated the intercalated degree programme.

Year 4

Companion Animal Science

Introduction to general surgical principles, elective surgery, orthopaedics, anaesthesia & pain management, diagnostic imaging, reproduction, cardiorespiratory medicine and surgery, neurology, ophthalmology, alimentary medicine and surgery, urinary tract medicine and surgery, oncology, ethics & welfare, communication skills. Species covered include equine, dog, cat, cage pets, exotics and birds

Production Animal and Public Health

The aetiology, pathogenesis, diagnosis, prevention and treatment of all the major diseases of farm animals

are dealt with in blocks dedicated to a species and covering cattle, sheep, goats, deer, pigs, poultry and farmed fish. A Veterinary Public Health module is given concurrently with these blocks and constitutes a major part of this course.

Year 5

Large Animal Studies

Equine Hospital, equine ambulatory, Veterinary Public Health, Clyde Vet Practice (food animal ambulatory), Farm animal clinical cases & farm visits, Population medicine, Epidemiology

Limited tracking is undertaken where students are required to opt for either a Farm animal or equine track. The tracking options allow students to increase their focus on either equine medicine and surgery (equine track) or food and production animal health and management (Farm animal track). The tracks have dedicated teaching and rotations within the relevant clinical and commercial professional environments.

Small Animal Clinical Studies

Small groups working in a variety of clinical environments: Anaesthesia, Diagnostic Imaging, Hospital care (night), Internal medicine, Oncology and ethics, First opinion practice (Peoples Dispensary for Sick Animals, Scottish Society for Prevention of Cruelty to Animals and Dogs Trust), pathology and caged pets & exotics, Surgery, Specialist practice (dermatology/neurology/ophthalmology), Triage and Critical care

15. Additional Relevant Information: *See Section 5.8 of the Guidance Notes. Please append to the standard text in this field to emphasise distinctive features such as library and IT facilities, student support systems, employability, and/or student involvement.*

The majority of the curriculum is delivered on the Garscube campus (which is approximately 3 miles from the Gilmorehill Campus and well served by bus routes). The Garscube campus is the centre of the veterinary school and has significant teaching and social infrastructure and is the location of all the school's clinical activities (Small Animal Hospital, Weiper's Centre for Equine Welfare and Scottish Centre for Production Animal Health and Food Safety). The Garscube Estate is also the location of important research activities including the Beatson Institute for Cancer Research, the Henry Welcome building for Comparative Medical Sciences as well as the West of Scotland Science Park and the University sports fields.

Teaching is also undertaken at the university's farm at Cochno (approximately 5 miles from the Garscube campus) which has dairy, beef and sheep units. Apiculture is also undertaken.

At Garscube there is a spacious and well stocked library and a custom built computer centre on site, complemented by wireless network access in many of the teaching and social spaces.

The student support system is considered excellent. Academic support is provided by course leaders with support for professional development provided by mentors, who are allocated a small group of students for their entire time in the School. This academic support is underpinned by an active and responsive Student Support Office, within the Undergraduate School, and a range of specialist services provided by the university. The official support is enhanced by a strong student organisation (Glasgow University Veterinary Medical Association) that delivers an active social life for veterinary students as well as representing them on school committees.

The programme is accredited by the Royal College of Veterinary Surgeons (RCVS), the American Veterinary Medical Association (AVMA) and European Association of Veterinary Educational Establishments (EAVEE). Accreditation by the RCVS and EAEVE allows graduates to seek employment as veterinary surgeons in Europe, Australia, New Zealand and South Africa. AVMA accreditation of the BVMS degree makes graduates eligible to work in North America, once they have passed the North American National Board examinations that are also mandatory for graduates of North American Veterinary Schools. Importantly, there is no requirement to sit specialist examinations for foreign graduates in North America and Canada.

A survey of 2009 graduate demonstrates that 96% were in employment or undertaking further study at 1 year after graduation.

Research activities: The College of Medical, Veterinary and Life Sciences has research activities embedded in its institutes and schools. Students have the opportunity to become involved in research during the vacations (in particular third year).

16. Academic Session: *** Please select the academic session in which this new programme/changed programme will start (or revision to this specification will apply).*

2012-13

Date of production/revision:	11/11/2011