

# Programme Specification

## **BSc (Hons) BSc Bloodstock & Performance Horse Management**

**For Students Starting in Year One in Academic Year 2020-21**

### **NB**

*The information contained in this document is intended only as a guide to the programme. It does not constitute a legally binding document or contract between the individual and the Royal Agricultural University.*

*The information contained herein is correct at the time of going to print, but the University reserves the right to make changes to the structure of the programme, assessment methods, etc. at any time without prior notification. Any changes made however will be made known as soon as possible.*

**Ashley Ede - Programme Manager**

<b>1. Awarding institution</b>	Royal Agricultural University
<b>2. Teaching institution</b>	Royal Agricultural University
<b>3. Centre responsible for the programme</b>	School of Equine Management & Science
<b>4. Programme Manager</b>	Ashley Ede
<b>5. Final award title(s)</b>	BSc(Hons)
<b>6. Interim Award Titles</b>	CertHE, DipHE, BSc Bloodstock & Performance Horse Management BSc Bloodstock & Performance Horse Management with Placement Year
<b>7. Academic level on Framework for Higher Education Qualifications (FHEQ)</b>	Level 6
<b>8. UCAS code(s)</b>	W529
<b>9. Relevant QAA Subject Benchmark Statement(s) and other reference points, e.g. FD qualification benchmark</b>	QAA Honours Degree Subject Benchmark Statement for Agriculture, Horticulture, Forestry, Food and Consumer Sciences (2009) QAA Honours Degree Statement for Biosciences (2015)
<b>10. Details of accreditation by a professional/statutory body</b>	N/A
<b>11. Mode of delivery</b>	Full-time and part-time
<b>12. Language of study</b>	English
<b>13. AQSC approval date</b>	April 2016
<b>14. Valid from</b>	Date of validation: 2016 Date current document revised: March 2019
<i>For office use only</i>	
<b>15. Valid to</b>	2021
<b>16. Version</b>	V2

## 17. Educational aims of the programme

The Programme Management Group (PMG) intends that the following capability statements will provide an overarching framework for all its graduates, and inform specific course aims and outcomes. The PMG expects that all graduates will:

- (i) Apply creative, critical and compassionate thinking processes to social and organisational issues.
- (ii) Develop communication abilities using people, ideas, texts, media and technology.
- (iii) Work with, manage and lead others in ways which value their diversity and which facilitates their contribution to the organisation and the wider community.
- (iv) Acquire and apply appropriate management, technical and practical skills and knowledge.
- (v) Display an ability to reflect on and learn from one's own experiences.
- (vi) Recognise and accept continuing learning as being central to one's capacity to realise potential.
- (vii) Develop, express and be able to defend personal values, beliefs and ethics.
- (viii) Hold a perspective which acknowledges local, national and international issues.
- (ix) Value a citizenship role which is connected to and responsible for the social, environmental, political and economic systems in which we live.

In relation to the above general capability statements, this programme aims to:

- i. Provide a comprehensive understanding of the fundamental principles of scientific investigation to underpin equine management practice
- ii. Enable students to develop intellectual, professional and transferable skills to be able apply equine science and business studies to management practice.
- iii. Provide students with opportunities to develop their individual interests through choice of work placement, three final-year electives and Honours Project (dissertation) topic.
- iv. Prepare students for careers in the equine industry through the integration of University teaching and sandwich employment experience.

<b>18. Learning Outcomes of the Programme</b>	
<b>Learning Outcomes</b>	<b>Teaching, learning and assessment strategies</b>
<b>A. Knowledge and understanding</b>	
A knowledge and understanding of:	Teaching Learning methods and assessment strategies
A1. The UK and international bloodstock and performance horse industries	Lectures, workshops, study visits, visiting speakers. Written report & examination.
A2. Science and practice of equine production	Lectures, workshops and study visits. Examinations and written reports.
A3. Advances in equine science	Lectures, workshops and study visits. Examinations and written reports.
A4. Equine industry and current issues	Lectures, workshops and study visits. Examinations and written reports.
A5. Environmental and sustainability issues in the context of bloodstock and performance horse management	Lectures, workshops and study visits. Examination.
A6. Legal and political issues of equine business	Lectures, workshops and study visits. Examinations and written reports.
A7. Business and Financial Management	Lectures & workshops Examination  Lectures & workshops Written report & examination

## B. Intellectual skills

<p>A knowledge and understanding of:</p> <p>B1. Understand subject-specific theories, concepts and principles.</p> <p>B2. Reference appropriate sources.</p> <p>B3. Develop strategies for the appropriate selection of relevant information from wide sources and a large body of knowledge.</p> <p>B4. Synthesise information from a number of sources in order to obtain a coherent understanding.</p> <p>B5. Develop and utilise problem-solving skills.</p> <p>B6. Develop skills for data handling and analysis.</p> <p>B7. Critically appraise and articulate arguments.</p>	<p>Teaching Learning methods and assessment strategies Teaching Learning methods and assessment strategies</p> <p>Lectures, workshops, practicals. Examinations, reports and practicals.</p> <p>Lectures, workshops, tutoring. Written reports.</p> <p>Lectures, workshops, tutoring. Written reports. Imbedded study skills and tutoring.</p> <p>Lectures, workshops, tutoring. Written reports, practical and written examinations.</p> <p>Lectures, workshops, tutoring.</p> <p>Written reports, practical and written examinations. Lectures, workshops, tutoring.</p>
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<b>C. Practical / professional skills</b>	
<p>A knowledge and understanding of:</p> <p>C1. Understand the practical implications of feeding livestock</p> <p>C2. The safe use of laboratory analytical techniques and practices</p> <p>C3. Draw up financial management plans</p> <p>C4. Take on responsibility in a practical working situation.</p> <p>C5. Have an awareness of legal and ethical obligations pertaining to personnel and animals within the equine industry</p> <p>C6. Visual appraisal of a live animal</p> <p>C7. Review and appraise breeding programmes</p>	<p>Teaching Learning methods and assessment strategies Practical sessions and workshops. Work placement</p> <p>Lectures, workshops and work placement.</p> <p>Coursework, examinations and personal development planning.</p> <p>Lectures, workshops and seminars.</p> <p>Coursework and examinations.</p> <p>Coursework &amp; external visits</p> <p>Lectures, workshops and seminars. Coursework and examinations</p>
<b>D. Transferable skills</b>	
<p>A knowledge and understanding of:</p> <p>D1. Communicate clearly and effectively in English.</p> <p>D2. Develop team working skills.</p> <p>D3. Source information and apply knowledge, systematically and appropriately.</p> <p>D4. Develop reflective skills to examine personal practice.</p> <p>D5. Manage time and tasks, seek advice when appropriate, prioritise work.</p> <p>D6. Business skills and numeracy.</p>	<p>Teaching Learning methods and strategies Embedded into lectures, workshops, written and oral assessments.</p> <p>Embedded into lectures, workshops, written, practical and oral group assessments.</p> <p>Embedded into lectures, workshops and tutoring.</p> <p>Written and oral assessments.</p> <p>Embedded into lectures, workshops, work placement and personal development planning.</p> <p>Coursework and oral presentation.</p> <p>Embedded into lectures, workshops, work placement and personal development planning.</p> <p>Written and oral/practical assessments.</p> <p>Lectures and workshops. Coursework and examinations.</p>

## 19. Assessment Map

Level	Core Module	Coursework %	Written exam %	Practical assessment %
4	1415	100		
4 (SKILLS)	1400	100		
4	1***	40	60	
4	1033	100		
4	1010		100	
4	1235	100		
4	1247		100	
4	1248	50		50
5	2069	40	60	
5	2239	100		
5	2255	100		
5	2254	50	50	
5 (Equine LAW, Ethics & Research)	2319		100	
5	2166	60	40	
5 (PPDS)	2316	100		
5		100		
6	3217	40	60	
6		80		20
6	3206	40	60	
6 (SCI+IND)	3XXX		100	
6	3226	100		

## 20. Programme structure

The programme comprises three years duration inclusive of a 15 - week compulsory employment period in year 2 and an International study visit to Ireland in year 3. Students should be aware that there is an additional cost for the Ireland trip which is currently £600. There is also the opportunity of an intercalated year between the second and final year, or indeed to study the programme part time over a period of 6 years. A Credit Accumulation and Transfer Scheme (CATS) is adopted by the University which requires students to achieve a total of 120 credits from each year of full-time academic study. Successful completion of each full module results in the award of 15 credits and a double module, 30 credits. For the award of BSc (Hons), a total of 360 credits must be accumulated, comprising 120 at FHEQ level 4, 120 at level 5 and a further 120 credits at level 6.

The option with Foundation Year is normally four years of duration of full-time study and the option with Placement Year is normally three years of taught full-time study with the other year spent on placement. The accumulation of 360 credits (or more) to include a minimum of 120 at level 6 and a maximum of 120 at level 4, through the assessment of taught modules.

**Year 1 of the Bloodstock and Performance Horse Management degree consists solely of core (compulsory) modules (all worth 15 credits):**

- 1314 Equine Anatomy & Physiology
- 1400 Developing Academic Skills
- 1247 Breeding and Genetics
- 1415 Global Business Environment
- 1248 Equine Bioveterinary Science 1
- 1235 British Bloodstock Production
- 1010 Equine Industry
- 1033 Business Finance

**Year 2**

- 2255 Soil and Grassland for Equestrian Use (15 credits)
- 2319 Equine Law Ethics & Research (15 credits)
- 2069 Rural Business Enterprise (15 credit)
- 2166 Equine Business Finance & Taxation (15 credits)
- 2239 Global Bloodstock Industry (15 credits)
- 2254 Equine Nutrition and Training (15 credits)
- 2316 Personal and Professional Development Skills (15 credits)
- 2317 Industry Placement (15 credits)

If you are enrolled on the BSc (Hons) Bloodstock and Performance Horse Management with Professional Placement Year then you will undertake your placement year between years 2 and 4 of your programme. You will complete Years 1 and 2, complete the placement year and then return for your final year of the programme. For further details about the Placement Year please see module PPY.

**Year 3**

In year 3, the element of choice is broadened with only 5 compulsory core modules and an extensive choice of electives from which you must select 2. The choice of honours project title is also yours to decide.

**Core:**

- 3241 Advances in Equine Science & Industry Developments (15 credits)
- 3206 Equine Breeding Management (15 credits)
- 3217 Advances in Training the Equine Athlete (15 credits)
- 3300 Research Project - Dissertation (30 credits)
- 3226 The Irish Bloodstock Industry (Study tour: 15 credits)



## **Electives:**

- 3240 – Contemporary Media Studies
- 3200 - Equine Health
- 3059E – Equine Genetics
- 3058 – Equine Behaviour & Welfare
- 3078 – Equine Performance Nutrition

## **Student workload**

All full-time academic programmes at the RAU are constructed using a selection of modules divided into two semesters. Each module requires engagement with a variety of learning activities. Successful completion of module assessments will result in the award of credits, and students are required to achieve a total of 120 credits for each year of a full-time programme.

The credit system is used to ensure a balanced workload across each semester programme, with each credit point representing a notional learning time of 10 hours of student work. Thus a 15-credit module will require a notional input of 150 hours of work, and a complete academic year of 120 credits will require 1200 hours of work, or approximately 40 hours per week.

Within this total time, students can expect to participate in formal timetabled activities; such as lectures, seminars, tutorials, practicals and visits; for approximately one third of the total time – usually around 3 hours per week for a 15-credit module studied over 15 weeks of a semester. Thus the majority of module activities; such as reading around the subject, preparing for tutorials and seminars, preparing for, and completing, module assessments and revision for, and sitting, examinations; will take place outside of these scheduled activities, but are an essential part of a student's learning journey.

Students attempting to short-cut their learning activities may find themselves experiencing difficulties as each module progresses, and as the level of assumed understanding increases. Thus it is vitally important that new students establish an effective routine for their studies as soon as possible. Maintaining a balanced workload from the start of the programme will help to avoid intense periods of activity, and ensure knowledge and understanding gradually develop throughout the year in readiness for any end-of-module examinations.

For students enrolled on the BSc (Hons) with Placement Year students are also required to undertake a 1200 hours, ie 35 weeks @ minimum 35 hrs per week, professional placement year. The Professional Placement Year is taken between Levels 5 and 6 of the academic programme.

## **21. Work-based learning**

This programme does not contain specific work-based learning outside of the 15-week work placement in year 2. However, there is an option to take a full year sandwich placement which may benefit students in certain circumstances e.g. working abroad. Students that take this option would therefore re-join in level 6 a year later and complete the course over four years, see module PPY.

## 22. Reference Points and benchmarks

QAA Honours Degree Subject Benchmark Statement for Agriculture, Horticulture, Forestry, Food and Consumer Sciences (2009) [Link](#)

QAA Honours Degree Subject Benchmark Statement for Biosciences (2015) [Link](#)

## 23. Entry Criteria where these differ from the RAU standard

Candidates must be able to satisfy the general admissions requirements of the Royal Agricultural University in one of the following ways:

### **School or College Leavers**

Essential: GCSE at least five subjects at Grade C/4 including English language and maths

Functional Skills level 2 in English and maths accepted in lieu of GCSE

### **96 UCAS points to include at least two A levels**

BTEC Level 3 Extended Diploma at Merit Merit Merit (MMM)

BTEC Level 3 National Diploma at Merit Merit (MM) plus one A level at Grade C

Science subject at A level (or equivalent qualification) recommended

Scottish Highers – five subjects at higher level grades CCCCC (105 pts)

Irish Leaving Certificate – five subjects at higher level grades CCCCC (old grading) or three subjects at H4 and two subjects at H3

Access to Higher Education – Pass Access course with minimum 15 credits at Distinction

International Baccalaureate – Minimum 26 pts

City & Guilds Level 3 Advanced Technical Extended Diploma (1080) – overall Merit

Level 3 Subsidiary Diploma/Level 3 Extended Certificate; Level 3 National Diploma/Diploma; Level 3 90 Credit Diploma acceptable when accompanied by other level 3 qualifications

Advanced Welsh Baccaulaureate Skills Challenge acceptable when accompanied by other level 3 qualifications

International qualifications and other level 3 qualifications will be considered

Combinations of level 3 qualifications will be considered.

Student who have completed one or two years at level 4 and level 5 in a cognate course at another institution can be considered for advanced entry if they have achieved 120 credits at level 4 and/or 120 credits at level 5.

BSc courses with foundation year

Essential: GCSE at least five subjects at Grade C/4 including English language and maths

Functional Skills level 2 in English and maths accepted in lieu of GCSE

48 UCAS tariff points from level 3 qualifications, entry into Year 0 only

UCAS Tariff:

A Level

A\* - 56

A – 48

B – 40

C – 32

D – 24

E – 16

AS level (only counted as a standalone subject, not when taken onto A level)

A – 20

B – 16

C – 12

D – 10

E – 6

International qualifications:

Belgium - Certificat d'Enseignement Secondaire superieure or Diploma van Secundair Onderwijs (Maths accepted, IELTS or equivalent for English) overall 65%

France - France Baccaulaureat minimum 12 mention assez bien

Germany – Arbitur overall 17

India - Grade XII at 60% plus maths Grade X at 80% plus IELTS Academic overall 6 with no element below 5.5

Italy – Diploma di Esame di Stato – overall 70%

Spain – Titulo de Bachiller – overall 6

USA – High School Diploma minimum GPA 3 plus Advanced Placement X 2 or SAT (from March 2016) 1070

**Other**

Candidates with an equivalent standard of education approved by the Royal Agricultural University

Consideration will be given on an individual basis to mature applicants with experience of equine or its related industries who may lack formal qualifications.

**24. Module reference sheets**

For module sheets for this programme, please follow this link:

<http://www.rau.ac.uk/study/undergraduate-study/module-details>

	1415 Global Business Environment	1400 Developing Academic Skills	1247 Breeding & Genetics	1040 Equine Evolutionary Anatomy	1248 Equine Bioveterinary Science	1235 British Bloodstock Production	1010 Equine Industry	1033 Business Finance	2255 Soil & Grassland for Equestrian Use	2319 Equine Law, Ethics & Research	2069 Rural Business Enterprise	2166 Equine Business Finance & Taxation	2239 Global Bloodstock Industry	2254 Equine Nutrition & Training	2317 Industry Placement	3241 Advances in Equine Science & Industry Developments	3206 Equine Breeding Management	3217 Advances in Training the Equine Athlete	3226 The Irish Bloodstock Industry	3300 Research Project t-Dissertation
<b>A) Knowledge and understanding of:</b>																				
A1	✓					✓	✓					✓	✓							
A2			✓				✓													
A3			✓	✓																
A4				✓		✓							✓							
A5													✓							
A6					✓				✓		✓	✓						✓		
<b>B) Intellectual Skills:</b>																				
B1			✓				✓											✓		✓
B2		✓					✓						✓							✓
B3																				✓
B4					✓				✓			✓				✓				✓
B5		✓							✓											✓
B6	✓						✓	✓			✓	✓								✓
B7		✓			✓				✓		✓									✓
<b>C) Subject/Professional/ Practical Skills:</b>																				
C1																				
C2				✓											✓					
C3							✓				✓	✓								
C4															✓					

