

ARTICULATION AGREEMENT

Between

**University of Glasgow
College of Medical Veterinary & Life Sciences
Scotland, United Kingdom**

and

**The Pennsylvania State University
College of Agricultural Sciences
Pennsylvania, United States of America**

The University of Glasgow (UoG) and The Pennsylvania State University (Penn State), through its School of Veterinary Sciences and Animal Sciences, in order to enrich their educational and research programs and to strengthen cooperation between both universities (Parties), hereby agree to establish an articulation program.

SECTION 1. SCOPE

The Parties agree to establish an articulation program at the undergraduate level program, in the following major: Animal Science. Under this program, Penn State students can complete their final year of a B.S. in Animal Science for Penn State while simultaneously completing their first year studies for a Bachelor of Veterinary Medicine and Surgery (BVMS) professional degree at UoG. Upon successful completion of 94 credits toward Penn State's B.S. in Animal Science major and meeting all the UoG admission requirements, Penn State students participating in the program will be allowed transfer to UoG. This Agreement will enable Penn State students the opportunity to achieve early enrolment in an internationally accredited veterinary science program while providing strong, qualified candidates to the UoG BVMS program.

SECTION 2. ADMISSION PROCEDURE

- 2.1 Eligibility. Only students enrolled as Penn State Animal Science majors may participate in this program.
- 2.2 Student Advising. Penn State is responsible for advising prospective program participants and providing them with program procedures, policies, course and degree requirements and curriculum planning guides during the first two years of the program. UoG will provide Penn State with curriculum planning guides to be used by Penn State advisers for the Animal Science majors (Science Option).

- 2.3 Nomination. UoG will notify Penn State each year how many students Penn State will be able to accept into the next program cycle. A committee consisting of faculty and administration from Penn State's Animal Science Department will identify candidates for the BVMS program at UoG, based on their probability for successful completion of the program. Successful candidates will demonstrate high academic aptitude, and the social competencies necessary to thrive in an international setting. Penn State will provide the nominations to UoG, with accompanying applications. UoG will then assess each nominated students' application in accordance with its selection and admissions criteria
- 2.4 Course and Grade Requirements. Interested students must complete core and Animal Science major-specific courses at Penn State that have been preapproved by UoG. It is expected that students selected for the BVMS program should have successfully completed three years study on Penn State's Animal Science Bachelor of Science (BS) program (completing the courses outlined in Appendix A) prior to entry to the program and have achieved a minimum grade point average (GPA) of 3.2, out of a possible 4.0, at the completion of 94 credits.
- 2.5 Application Requirements. Penn State students must submit the UoG application after students have completed at least 75 credits.
- 2.6 Admission. UoG may annually select up to 10 students who have successfully completed three years (as outlined in Appendix A) of Penn State's Animal Science (Science Option) B.S. curriculum. UoG reserves the right to make final judgement on the admissibility of each student nominated.
- 2.7 Student Status. Participating students will continue as candidates for a B.S. in Animal Science at Penn State but will not, at the end of the integrated period of study (1 year), be eligible for degrees at UoG.

Students shall be registered as non-award students at UoG and will be subject to the same rules and regulations, have the same privileges, and enjoy the same medical, sporting and other facilities as other international students. All students must abide by the laws of the host country.

Penn State students successfully completing Year 1 of the BVMS program at UoG through the integrated program (defined as satisfying the Board of Examiners at either the first or second diet of examinations) will be offered a direct entry place in Year 2 of the BVMS program.

SECTION 3. PROGRAM IMPLEMENTATION

- 3.1 Administration. The Program will be administered by the head of the School of Veterinary Medicine at UoG and by the Dean of the College of Agricultural Sciences at Penn State.
- 3.2 Academic Program/Granted Credits. Students accepted to the integrated program will enrol in year 1 of the 5-year BVMS program at UoG. Students must maintain full-time status as defined by the UoG, which equates to 30 Penn State credits for an academic year.

Upon entry to the UoG integrated program, Penn Students will cease enrollment from Penn State while studying at UoG. At the point a student ceases enrollment at Penn State, he/she will not be eligible for financial aid from Penn State. However, students should apply for financial aid directly with UoG. UoG is authorized to certify students for the Federal Direct Student Loan program if needed. Upon completion of the integrated program, students will be re-enrolled at Penn State for graduation purposes. Enrollment in Penn State classes will not be required. This step is necessary in order for students to graduate from Penn State after completing their first year at UoG.

UoG will provide qualified academic advice and information and assess the course-work of each student at the end of the semester or full academic year of study. Upon successful completion of Year 1 examinations, credits will be granted to the student's Penn State transcript as a block (15 per semester, 30 total), not as individual courses. Courses taken at UoG have been evaluated by the Department of Animal Science and fulfil senior level requirements for Basic and Animal Sciences. Upon having successfully received the grant of the 30 credits, students will be eligible to graduate with a B.S. in Animal Science (Science Option) from Penn State.

- 3.3 Student Advising. UoG's School of Veterinary Medicine will advise Penn State once they are at UoG to ensure progress towards graduation.
- 3.4 Housing. Program participants will have access to on-campus accommodations subject to availability. The availability of on-campus housing is very limited. Resource information on off-campus housing is available on the website of the UoG. Payment for housing will be the responsibility of each individual student.
- 3.5 Health Insurance. While at UoG, students on a full-time course can receive healthcare from the National Health Service (NHS). UoG will provide more information to Penn State students prior to arrival. Penn State students will be required to purchase emergency assistance insurance through Penn State's approved emergency assistance provider.
- 3.6 Expenses/Tuition. Students are responsible for the payment of UoG tuition and all required fees, all accommodation expenses, travel expenses, applicable medical expenses, food, textbooks, clothing, personal expenses, costs for passports, visas, visa extensions, or residency permits, and all other debts and incidental expenses incurred during the course of or for the purpose of their study at UoG.
- 3.7 Compliance. While at UoG, students must abide by the laws, statutes, codes, or guidelines, of the host country as well as the rules and regulations of United Kingdom.
- 3.8 Notification. Each Party will notify the other in a timely manner of changes in courses, course content, major requirements and other academic matters relevant for the execution of the Program.
- 3.9 Program Evaluation. This Agreement shall be effective starting from the date of the last signature of the authorised signatories and shall continue for a period of five (5) years in the first instance.

This Agreement shall be reviewed after its first two (2) years of operation. Should the Agreement not be operating to the satisfaction of either party at this point, it may be terminated. The terms of this Agreement may be amended at any time by mutual written consent of the parties.

- 3.10 Equal Access. Both institutions are committed to the policy that, subject to applicable laws, statutes, codes, or guidelines, all persons shall have equal access to programs, facilities, admission, and employment, without regard to personal characteristics not related to ability, performance, or qualifications as determined by each university's policies or by their state or federal authorities. Neither institution discriminates against any person because of age, ancestry, color, disability or handicap, national origin, race, religious creed, sex, sexual orientation, gender identity, or veteran status. UoG and Penn State shall abide by these principles in the administration of this Memorandum of Agreement, and neither institution shall impose criteria for the exchange of scholars which would violate the principles of non-discrimination. Nothing herein shall be deemed to create any obligation for either party to violate any applicable law, statute, code or guideline in order to provide such access.


SECTION 4. GENERAL PROVISIONS

- 4.1 Use of Name. Neither Party may use the name, logo or mark of the other in any promotional or advertising material (including but not limited to website postings, public announcements and program brochures) without the other party's prior written consent.
- 4.2 Term, Amendments, Termination. This agreement will become effective on the date of the last signature. It constitutes the entire agreement between the Parties and may be amended only in writing signed by authorized representatives of both Parties. The agreement will be effective for five years unless terminated by either Party in writing in the form of a written notice submitted at least six months in advance of the proposed termination date, unless terminated pursuant to the terms of section 3.9. In the case of termination, the academic programs of the students currently in the program will not be affected.

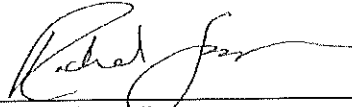
In witness whereof, the parties hereto have offered their signatures:

The Pennsylvania State University

University of Glasgow

 3/5/14

Dr. Barbara Christ Date
Interim Dean, College of Agricultural Sciences

 22/4/14

Rachel Sandison Date
Department Head
Director of International Office & Head of
Student Recruitment

<u>Robert N Pangborn</u> 3/28/14	<u>J. Morrison</u> 17/4/14
Dr. Robert Pangborn Vice President & Dean for Undergraduate Education	Prof. Jill Morrison Dean for Learning and Teaching College of Medical Veterinary & Life Sciences
<u>Michael A. Adewumi</u> March 27, 2014	<u>Ewan Cameron</u> 23-4-14
Michael A. Adewumi Vice Provost for Global Programs	Prof. Ewan Cameron Head of School of Veterinary Medicine College of Medical Veterinary & Life Sciences
	<u>Anna Dominiczak</u> 16/4/14
	Prof Anna Dominiczak Head of College College of Medical Veterinary & Life Sciences

Appendix 1: Pre-Approved Courses/Course Equivalencies

Appendix 2: Grade Conversion Scale

Appendix A

ANIMAL SCIENCE MAJOR – 6 SEMESTER PLAN GLASGOW OPTION (3+1+4) 94 Total Credits Required

FIRST SEMESTER	CREDITS	SECOND SEMESTER	CREDITS
ENGL 015 – Rhetoric & Comp (GWS)		▼ AN SC 100	3
or ENGL 030 – Honors Fresh Comp (GWS)	3	CHEM 112 - Chem Princ (GN)	3
Arts selection (GA)	3	CHEM 113 - Exper Chem (GN)	1
CHEM 110 - Chem Princ (GN)	3	AG BM 101 – Econ Prin Agribus (GS) or	
CHEM 111 - Exper Chem (GN)	1	ECON 102 – Micro Anly (GS)	3
First-Year Seminar (S)	1	Quantification selection (GQ)	3-4 ^a
Quantification selection (GQ)	3-4 ^a	Humanities selection (GH)	3
	<u>14-15</u>		<u>16-17</u>
THIRD SEMESTER	CREDITS	FOURTH SEMESTER	CREDITS
BIOL 110 - Biology Conc Biod (GN)	4	▼ AN SC 201 *	4
▼ AN SC 290W	1	AGRO 028 - Prin Crop Mgmt or	
▼ AN SC 207, 208*	3	SOILS 101 - Intro Soils or	
CHEM 202 or CHEM 210		▼ AN SC 213 or AN SC 211	3
Organic Chemistry	3	ENGL 202 selection (GWS)	3 ^b
Health and Physical Activity (GHA)	1.5	CHEM 203 or CHEM 212 and CHEM 213	
Arts Selection (GA)	3	Organic Chemistry (Lab)	3-5
	<u>15.5</u>	Social and Behavioral Sciences selection (GS)	3
			<u>16-18</u>
FIFTH SEMESTER	CREDITS	SIXTH SEMESTER	CREDITS
▼ AN SC 301*	3	▼ AN SC 300*	3
Humanities selection (GH)	3	Health and Physical Activity (GHA)	1.5
▼ AN SC 322, BIOL 222-Genetics, or		MICRB 201 – Intro Microbiology	3
BIOL 133 - Gent Evol Humans	3	MICRB 202 – Intro Micro Lab	2
B M B 211 - Elem Biochemistry	3	PHYS 250 - Intro Phys (GN)	4
B M B 212 - Elem Biochem Lab	1	CAS 100 – Effective Speech (GWS)	3
AEE 330W	3 ^c		<u>16.5</u>
	<u>16</u>		

^a Required to complete one of the following: MATH 021 GQ(3), 022 GQ(3), 110 GQ(4), or 140 GQ(4); recommend MATH 110 GQ(4) or 140 GQ(4).

^b Recommend ENGL 202C GWS, Technical Writing

^c Fulfills both Communication Skills requirement and writing intensive “W” course in the College.

* A grade of C or higher is required to graduate (16 credits) - Senate Policy 82 - 44.

▼ AN SC course available only in semesters designated.

Appendix 2: Grade Conversion Scale

Students at AAA are graded on a scale of 0 to 100, with 100 being the highest grade. The numerical grade for courses taken at AAA will be converted to letter grades according to the following scale:

AAA numerical grade	Penn State equivalent letter grade	Penn State grade-point equivalent
95 - 100	A	4.00
90 - 94.9	A-	3.67
85 - 89.9	B+	3.33
80 - 84.9	B	3.00
75 - 79.9	B-	2.67
70 - 74.9	C+	2.33
65 - 69.9	C	2.00
60 - 64.9	D	1.00
59.9 and lower	F	0.00

The letter grades thus determined for each course will then be used to calculate a Grade Point Average (GPA) by assigning grade-point equivalents to each letter grade, according to the right column in the table above.

To calculate the grade-point total for a course, the number of credits for the course will be multiplied by the grade-point equivalent. To calculate the cumulative GPA, the grade-points for all courses will be totaled and divided by the total number of credits taken.