

THE UNIVERSITY of EDINBURGH
THE ROYAL (DICK) SCHOOL OF VETERINARY STUDIES

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graph LR; A[Over 60% in the Below:] --- B[Biology and/or Zoology]; A --- C[Mathematics and/or Statistics Courses]; A --- D[Organic Chemistry]; A --- E[Physics]; A --- F[Inorganic Chemistry]; A --- G[Genetics]; A --- H[Also Needed]; H --- I[Overall cumulative average of 86%]; H --- J[Academic reference from a tutor or professor at UBC]
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Over 60% in the Below:

- Biology and/or Zoology
- Mathematics and/or Statistics Courses
- Organic Chemistry
- Physics
- Inorganic Chemistry
- Genetics

Also Needed

- Overall cumulative average of 86%
- Academic reference from a tutor or professor at UBC

Fitting a broad ranges of work experience in veterinary practices, and other animal work will be of great benefit. Options can include:

- Seeing veterinary practice, both large and small animals
- Livestock farms like dairy farms and lambing operations
- Zoos, kennels, catteries, wildlife centers, pig farms, poultry farms, and stables
- A day at an abattoir

Applications additionally need to include information on:

- Social Involvement
- School Responsibilities
- Leadership
- Organizational Abilities
- Interests and Hobbies
- Cultural, sporting, musical, vocational, and other voluntary achievements

Applied Animal Biology with LFS
A Path to Veterinary Medicine

BIOL 112 (3 Credits) <i>Cellular Biology</i>	BIOL 121 <i>Genetics, Evolution & Ecology</i>	CHEM 121 <i>Structure and Bonding in Chemistry</i>	MATH 102 <i>Differential Calculus with Applications to Life Sciences</i>
BIOL 140 (3 Credits) <i>Laboratory Investigations in Life Science</i>	LFS 150 <i>Scholarly Writing and Argumentation in Land and Food Systems</i>	CHEM 121 <i>Thermodynamics, Kinetics, and Organic Chemistry</i>	PHYS 101/107/117 <i>Introductory Physics</i>

BIOL 200 (3 Credits) <i>Fundamentals of Cell Biology</i>	MICB 201 (3 Credits) <i>Introductory Environmental Microbiology</i>	CHEM 233 & 235 (4 Credits) <i>Organic Chemistry for the Biological Sciences and Lab Component</i>	BIOL 234 (3 Credits) <i>Fundamentals of Genetics</i>
BIOL 201 (3 Credits) <i>Introduction to Biochemistry</i>	LFS 252 (3 Credits) <i>Quantitative Data Analysis</i>	APBI 314 (3 Credits) <i>Animals and Society</i>	BIOL 204 (3 Credits) <i>Vertebrate Structure and Function</i>

BIOC 302 (3 Credits) <i>General Biochemistry</i>	BIO 310 (3 Credits) <i>Introduction to Animal Behaviour</i>	APBI 315 (3 Credits) <i>Animal Welfare and Ethics of Animal Use</i>	APBI 311 (3 Credits) <i>Comparative Cardiovascular, Respiratory, and Osmoregulatory Physiology</i>
BIOC 402 (3 Credits) <i>Protein Structure and Function</i>	APBI 398 (3 Credits) <i>Research Methods in Applied Biology</i>	APBI 410 (3 Credits) <i>Applied Animal Health and Physiology</i>	
APBI 496 (3 or 6 Credits) <i>Applied Animal Biology Practicum</i>	APBI 416 (3 Credits) <i>Compassionate Conservation</i>	APBI 414 (3 Credits) <i>Animals and Global Issues</i>	APBI 454 (3 Credits) <i>Comparative Animal Physiology</i>