

# **ANIMAL PHYSIOLOGY (PH.D.)**

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## **Doctor of Philosophy. Major in Animal Physiology**

To qualify for admission, candidates must fulfill the requirements of the Graduate College and have an overall grade-point average of 3.25 or better (on a 4.00 scale) for their undergraduate and graduate work. Applicants must submit scores received in the Graduate Record Examination (aptitude test).

Applicants who have completed their previous degrees in fields not closely related to animal and veterinary science may be required to complete deficiencies as determined by the candidate's committee and approved by the department's Graduate Committee.

The Ph.D. degree in animal physiology requires a minimum of 78 credits beyond the B.S. or professional degree, at least 52 credits of which must be in courses numbered 500 and above. Thirty-nine credits of the 78 must be in courses other than AVS 600. Courses at the 300-level may not be used as part of the Ph.D. degree program. Doctoral students are required to complete the departmental graduate seminar each semester it is offered during the degree program. Students are also required to assist with teaching during their graduate training. Doctoral students must demonstrate competence in experimental design and data analysis prior to completion of the degree.

1. Graduates will demonstrate the ability to communicate effectively in written and spoken form to convey technical information and defend scientific findings in their areas of expertise.
2. Graduates will present on an independent topic area in animal science.
3. Graduates will demonstrate their expertise in the area of their research and demonstrate content knowledge, at expert levels, in general animal science.