

# ANIMAL SCIENCE

## Degree Requirements

### Master of Professional Studies (M.P.S.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-700 Professional Degree Policies (<https://gradschool.psu.edu/graduate-education-policies/>).

A minimum of 30 credits at the 400 or 500 level is required, with a minimum of 18 credits at the 500 level, and at least 6 credits in formal (i.e., non-core) courses in animal agriculture/biological science area at the 500 level in consultation with the student's advisor. In addition, the following Program core courses (credits) are required:

Code	Title	Credits
<b>Required Courses</b>		
ANSC 500	Foundation Readings in Animal Science	2
ANSC 502	Scientific Scholarship (Ethics Offering)	2
ANSC 590	Colloquium	2
ANSC 602	Supervised Experience in College Teaching	1
<b>Culminating Experience</b>		
ANSC 596	Individual Studies (Scholarly Paper)	3

A maximum of 10 credits may be earned in special problem-type courses, which may include up to 3 credits in ANSC 596 for the scholarly paper. The culminating experience for the degree is a scholarly paper completed while the student is enrolled in ANSC 596.

### Master of Science (M.S.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<https://gradschool.psu.edu/graduate-education-policies/>)

The academic M.S. program requires a thesis and is designed for those primarily interested in education and research. A minimum of 30 credits at the 400, 500, or 600 level is required. A minimum of 18 credits at the 500 or 600 level, chosen in consultation with the student's advisor, out of which at least 12 credits must be in formal (i.e., non-core) courses in animal agriculture/biological science area with at least 6 of the 12 credits at the 500 level. Students are required to write a thesis, and at least 6 credits in thesis research (ANSC 600 or ANSC 610) must be taken in conjunction with completing the thesis. In addition, the following Program core courses (credits) are required:

Code	Title	Credits
<b>Required Courses</b>		
ANSC 500	Foundation Readings in Animal Science	2
ANSC 502	Scientific Scholarship (Ethics Offering)	2
ANSC 590	Colloquium	2
ANSC 602	Supervised Experience in College Teaching	1
<b>Culminating Experience</b>		
ANSC 600	Thesis Research	6
or ANSC 610	Thesis Research Off Campus	

The thesis must be accepted by the advisers and/or committee members, the head of the graduate program, and the Graduate School, and the student must pass a thesis defense.

### Doctor of Philosophy (Ph.D.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-600 Research Degree Policies. (<https://gradschool.psu.edu/graduate-education-policies/>)

The academic Ph.D. program requires a dissertation and is designed for those primarily interested in teaching and research. Official entrance into the Ph.D. program occurs upon successful completion of the qualifying examination. Ph.D. degree requirements include successful completion of the following: approved graduate course work, English Competence requirements, a comprehensive examination, and a final oral examination (the dissertation defense). To earn the Ph.D. degree, doctoral candidates must write a dissertation that is accepted by the Ph.D. committee, the head of the graduate program, and the Graduate School. In addition, the following Program core courses (credits) are required:

Code	Title	Credits
<b>Required Courses</b>		
ANSC 500	Foundation Readings in Animal Science	2
ANSC 502	Scientific Scholarship (both the Ethics offering and the Grantsmanship offering)	4
ANSC 590	Colloquium <sup>1</sup>	3
ANSC 602	Supervised Experience in College Teaching	1

<sup>1</sup> Students who completed 2 credits of ANSC 590 as part of an M.S. degree program in Animal Science must take 1 additional credit of ANSC 590 during their Ph.D. program. For students entering the Ph.D. program with an M.S. degree from another institution, one credit of ANSC 590 will be waived; therefore, they will be required to complete 2 credits of ANSC 590 during their Ph.D. program.