Animal and Food Sciences (PhD)

2021-2022 GRADUATE - Program Revision Proposal

Proposed program change:

Add ANFS 670 - Principles of Molecular Genetics and ANFS 675 - Veterinary Biochemistry to list of core courses to choose from. These courses will be more appropriate for some students than the ones on the current list.

**Current Core Courses and General Requirements**. All students pursuing the PhD will complete the following core courses; [ANFS 865 - Seminar](https://catalog.udel.edu/preview_program.php?catoid=39&poid=28528&returnto=6521#tt486), [ANFS 969 - Doctoral Dissertation](https://catalog.udel.edu/preview_program.php?catoid=39&poid=28528&returnto=6521#tt8400), [CHEM 641 - Biochemistry](https://catalog.udel.edu/preview_program.php?catoid=39&poid=28528&returnto=6521#tt1720), [CHEM 642 - Biochemistry](https://catalog.udel.edu/preview_program.php?catoid=39&poid=28528&returnto=6521#tt8151), and a statistics course [APEC 608 Research Methods, or equivalent]. Attendance in [ANFS 865 - Seminar](https://catalog.udel.edu/preview_program.php?catoid=39&poid=28528&returnto=6521#tt2710) is required each semester for all graduate students. Beyond the core courses, no specific number of courses completed or credits earned are uniformly required. The student and advisor in concert with the doctoral committee will select appropriate course work based on the student’s background and major and minor (if applicable) area(s) of specialization for the PhD.

**New Core Courses and General Requirements:** All students pursuing the Ph.D. will complete the following core courses:

* ANFS 865 Seminar (1 cr.),
* ANFS 969 Doctoral Dissertation (9 cr.),
* CHEM 641 Biochemistry (3 cr.) or ANFS 675 Veterinary Biochemistry (3 cr.) or an equivalent metabolism-focused biochemistry course,
* CHEM 642 Biochemistry (3 cr.) or ANFS 670 Principles of Molecular Genetics (3 cr.) or an equivalent nucleic acid-focused biochemistry course,
* Statistics course: STAT 608 Research Methods (3 cr.), STAT 615 Design and Analysis of Experiments (3 cr.) cr.), or an equivalent statistics course. Beyond the core courses, no specific number of courses completed, or credits earned are uniformly required