

ANIMAL SCIENCE (ANS)

ANS 3440 Principles of Animal Nutrition**Credit Hours:** 4**Prerequisites:** CHM 1045 and CHML 1045 - both courses with a grade of "C" or higher and departmental approval or admission to Bachelor's program required

This course investigates the nutrients required by animals, their functions, and utilization. It will also explore feed stuff composition and diet and ration formulation in various species.

ANS 4911 Individual Mentored Research in Animal Science**Credit Hours:** 1**Prerequisites:** Bachelor level animal science course with a grade of C or higher**Lab Fee:** Yes

Permission of the instructor required. Under faculty direction, students will engage in Animal Science research individually or in a student group. Students will complete at least 2 of the following tasks: identify a novel research question, analyze literature, design an experiment to test the question, acquire skills for experimentation, collect data, analyze data and present findings. The course will conclude with a written research report. It is recommended that students take either BSCC 2910, CHMC 2910, IDH 2009, or IDS 2911 prior to taking this course. This course may be repeated for a maximum of four credits.