Curriculum for the Food Science and Microbiology Area of Concentration

The courses listed below are those typically taken by students enrolled in the specified areas of concentration, and are provided to help guide you in planning your curriculum. Ultimately, the classes you select will be chosen through discussions with your major advisor and doctoral advisory committee, and subsequently listed on your Plan of Study. These courses may be deemed unnecessary due to previous training at other institutions.

Required Courses:

ANSC 5693   Graduate Presentation Skills
ANSC 5694   Animal Science Seminar (MS Students: one; PhD Students: two)
GRAD 5950   Thesis Research

Strongly Recommended Courses:

ANSC 3343   Animal Food Products
ANSC 3641   Animal Food Products: Dairy Tech
ANSC 4341   Food Microbiology
ANSC 4342   Food Microbiology Lab
ANSC 5641   Food Chemistry
ANSC 5695   Probiotics and Prebiotics

Recommended Courses (or their equivalent):

MCB 5001   Biochemistry
MCB 5616   Experiments in Bacterial Genetics
MCB 5636   Industrial Microbiology
MCB 5679   Microbial Physiology
NUSC 5200   Macronutrient Metabolism
ANSC 5601   Experimental Design in Animal Science OR PLSC 5150- Statistics

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