

MASTER OF SCIENCE IN FOOD SAFETY STUDENT PROGRAM PLAN

Student Name: _____ Advisor _____ ID# _____
Admit Term _____ Committee _____ & _____
Proj Grad Term: _____ State: _____ Employer _____

Minimum Credit Hours required: 30

Core Courses 18 credit hours

Course Code	Course Title	Term offered	Instructor	Plan Term
AGEC 5713	Food Safety Law	Fall Odd Yrs	Manning	
FDSC 5823	Principles of Food Microbiology	Fall Even Yrs	Gibson	
FDSC 5223	Biosecurity in the Food Industry	Fall Even Yrs	Gibson	
POSC 5113	Food Toxicology	Spring Odd Yrs	TBD	
FDSC 5423	Food Borne Disease	Summer Odd Yrs	Gibson	
FDSC 5503	Food Industry Sanitation	Summer Even Yrs	Gibson	

Statistics Requirement 3 credit hours – CHOOSE ONE

Course Code	Course Title	Term offered	Instructor	Plan Term
ESRM 5393	Statistics in Education	All	Liang	
AGED 5473	Interpretation of Social Data in AG*	Fall	Johnson	

Elective Coursework 6 credit hours – Advisor consent required

(See options on second page)

Course Code	Course Title	Term offered	Instructor	Plan Term

Capstone course 3 credit hours

Course Code	Course Title	Term offered	Instructor	Last Term
XXXX 500V	Special Problem Project	All	Advisor	

NOTES:

Program elective recommendations– must be approved by advisor

***INEG 5313. Engineering Applications of Probability Theory. 3 Hours.**

Introduction to probability, discrete random variables, continuous random variables, multiple random variables, sequences of Bernoulli trials. Applications of these topics from inventory, reliability, quality control. Instructor: Cassidy (Typically offered: Spring and Fall) **8 week course**

***PBHL 4613. Principles of Epidemiology. 3 Hours.**

Distribution and patterns of disease or physiological conditions within populations; an examination of the nature of epidemiological research. Instructor: Ches Jones (Typically offered: Summer).

***AGEC 5203. Agribusiness Marketing Management. 3 Hours.**

Marketing concepts will be developed and applied to the global food and fiber system. The course will use both commodity and product marketing principles and economic theory to analyze varied marketing situations. Case studies will be used to demonstrate the role that demand analysis and consumer behavior play in market management. Graduate degree credit will not be given for both AGECE 4303 and AGECE 5203. Prerequisite: AGECE 2303 and AGECE 3303. Instructor: Nathan Kemper (Typically offered: Spring)

***HORT 5993. Global Horticulture and Human Nutrition to Enhance Community Resilience and Food Security. 3 Hours. (This course is cross-listed with AGED 5993, FDSC 5993)**

This course covers three broad areas (Global Horticulture, Sustainable International Development, Human Health and Nutrition) and experts on three campuses created the instruction. The course is intended to be multi-disciplinary, and students should use their contextual knowledge to add to weekly discussions. Prerequisite: Graduate standing. Instructor: Wayne Mackay (Typically offered: Spring)

HRWD 5113. Foundations of Human Resource & Workforce Development. 3 Hours.

An overview of human resource and workforce development (HRWD) in organizations. Focus on the integration of training and development, career development, and organization development. Topics include strategic planning for human resource and workforce development, needs assessment, program development, application of workplace learning theories, career development theories and methods, and application of organization learning theories. Instructor: Vicki Dieffenderfer (Typically offered: Fall, Spring and Summer)

HRWD 5133. HRWD Diversity Issues. 3 Hours.

This course emphasis is on current trends and case studies of diversity in the workplace. Prerequisite: Graduate standing. . Instructor: Vicki Dieffenderfer (Typically offered: Fall)

ADLL 5153. Organization and Administration of Adult and Lifelong Learning Programs. 3 Hours.

Legal, ethical, staffing, and financial considerations for the development and implementation of programs for adult and lifelong learners in various programs including literacy centers, GED centers, community education, lifelong/leisure learning, and postsecondary education. Instructor: Kit Kacirek

ADLL 5183. Technology and Innovation in Adult Learning. 3 Hours.

Techniques for designing, developing, implementing, and assessing technology-mediated adult and lifelong learning programs. Discussion of issues relevant to the use of innovative strategies for delivering instruction via emerging technologies and their potential impact on content and learning outcomes.

Other electives will be listed as available. Other electives recommended by your advisor as appropriate for your career path can be approved by the Associate Dean.

**Courses require departmental consent. Contact advisor/administrator to enroll.*