June 2007 FOOD SCIENCE AND INDUSTRY PROFESSIONAL ELECTIVES LIST – DCE BDCP Students

FOOD SCIENCE ELECTIVES

ASI	303	#Hist & Attitudes Animal Ag	3
ASI	310	Poultry Products Evaluation	2
ASI	315	Livestock and Meat Evaluation	3
ASI	490	Micro Computer Applications	3
ASI	***500***	***Genetics***	***3***
ASI	533	Anatomy & Physiology	4
ASI	595	Contemporary Issues in An Sci & Ag	3
ASI	645	Poultry Management	3
AGRON	335	#Environmental Quality	3
FDSCI	430	Food Products Evaluation	3
FDSCI	***603***	***Food Science Internship***	***1-6***
FDSCI	***630***	***Food Science Problems***	***1-3***
FDSCI	***713***	***Rapid Methods and Auto in Micro***	***2***
FDSCI	791	Adv Application of HACCP Prin	3
GNHE	310	#Human Needs	3
HN	***132***	***#Basic Nutrition***	***3***
HN	301	Food Trends, Legislation & Regulation	3
HN	352	Personal Wellness	3
HN	***413***	***Science of Food***	***4***
HN	***701***	***Sensory Analysis of Foods***	***2-3***
GRSC	602	Cereal Science**	3
GRSC	651	Food and Feed Prod Protection	4
GRSC	661	Quality of Feed & Food Ingredients	3
STAT	341	Biometrics II	3

NUTRITION ELECTIVES

HN	***400***	***Human Nutrition***	***3***
HN	***600***	***Public Health Nutrition***	***3***
HN	***610***	***Lifespan Nutrition***	***3***
HN	***620***	***Nutrient Metabolism***	***4***
HN	630	Clinical Nutrition	5
HN	635	Nutrition and Exercise	3

COMMUNICATIONS

AGCOM	210	Communications in Ag Industry	3
AGCOM	400	Ag Business Communications	3
ENGL	300	Expository Writing III	3
ENGL	516	Written Communication for Sci.	3
MC	***110***	***#Mass Comm in Society***	***3***
MC	120	Principles of Advertising	3
MC	***180***	***Fund of Public Relations***	***3***
SOCWK	***310***	***Fund of Comm for Ag & Fd Sci***	***3***
SPCH	311	#Bus and Professional Speaking	3
SPCH	***321***	***#Public Speaking II***	***3***
SPCH	***322***	***Interpersonal Communication***	***3***
SPCH	***326***	***#Small Group Discussion Methods***	***3***
		#ANY FOREIGN LANGUAGE	

TECHNOLOGY ELECTIVES

**** MINOR IN AG TECH MGT***

ATM	160	Intro Ag Systems & Technology*	3
*Additional Minor Hours			9
ATM	450	Sensors/Control Ag Biol Systems	3
GRSC	540	Eng App to Grain/Food Products	3
GRSC	541	Eng App to Grain/Food Products Lab	1
ATM	571	Functional Components of Machines	3
ATM	661	Water & Waste in the Environment	3
BAE	500	Properties of Biological Materials	2

SUGGESTED HUMANITIES & SOCIAL SCIENCE COURSES

(Must be taken from more than one department)

Architecture - ARCH 301; Economics – ECON 120 – 799; English – Any except courses in composition; Geography – Any except GEOG 220-221; Women's Studies – WOMST 105, 405.

Any Course from the following: Art; History; Family Studies and Human Services; Music; Philosophy; Political Science; Psychology; Sociology, Anthropology, Social Work; Speech, Theater, Dance.

LEADERSHIP MINOR

(6 hrs from the Leadership Minor qualify as professional electives)

Courses in **bold** and *italics* are available via distance education. Go to www.dce.ksu.edu for a complete listing of distance courses.

PROCESSING ELECTIVES

ASI	***340***	***Meat Science***	***2***
ASI	361	Meat Animal Processing	2
ASI	370	Principles of Meat Evaluation	2
ASI	395	Meat Grading, Spec. and Eval.	2
ASI	405	Fundamentals of Milk Processing	3
ASI	608	Dairy Food Processing & Technology	3
ASI	610	Processed Meat Operations	2
ASI	***640***	***Poultry Products Technology***	***3***
ASI	***671***	***Meat Selection and Utilization***	***2***
ASI	***776***	***Meat Industry Technology***	***3***
GRSC	101	Intro to Grain Science and Industry	3
GRSC	150	Principles of Milling**	3
GRSC	505	Cereal & Feed Analysis**	3
GRSC	***530***	***Principles of Cereal Science***	***3***
GRSC	625	Flour and Dough Testing**	3
GRSC	635	Baking Science I	2
GRSC	636	Baking Science I Lab	2
GRSC	737	Baking Science II	3
GRSC	738	Baking Science II Lab	1

***** MINOR IN CEREAL CHEMISTRY***

Must take 4 courses with ** plus 3-4 hrs of selected courses

BUSINESS/MANAGEMENT ELECTIVES

MINOR IN BUSINESS, AGRIBUSINESS, AGECON***

ACCTG	***231***	***#Accounting Business Operations******	***3***
ACCTG	***241***	***#Accounting Investing & Financing******	***3***
MANGT	***420***	***Management Concepts******	***3***
MKTG	***400***	***#Marketing******	***3***
FINAN	***450***	***Principles of Finance******	***3***
AGEC	120	#Ag Econ & Agribusiness	3
AGEC	***308***	***#Farm and Ranch Management***	***3***
AGEC	318	#Food & Agribusiness Management	3
AGEC	410	Agricultural Policy	3
AGEC	415	Global Ag Econ, Hunger & Poverty	3
AGEC	420	#Commodity Futures	3
AGEC	505	Agricultural Market Structures	3
AGEC	515	Food and Agribusiness Marketing	3
AGEC	520	Market Fund & Futures Opt Trad	3
AGEC	570	Food Mfg, Distribution & Retailing	3
AGEC	623	International Agriculture Trade	3
AGEC	632	Agribusiness Logistics	3
CIS	***101***	***Intro to Information Technology***	***1***
CIS	***102***	***Intro to PC Spreadsheet Applications***	***1***
CIS	***103***	***Intro to PC Database Applications***	***1***
CIS	***104***	***Intro to PC Word Processing***	***1***
CIS	***105***	***Intro to Computer Programming***	***1***
ECON	***120***	***#Prin Micro Economics***	***3***
ECON	***520***	***Intermediate Micro Economics***	***3***
MANGT	300	#Intro to Total Quality Management	1
MANGT	***366***	***Management Info Systems***	***3***
MANGT	***390***	***Business Law I***	***3***
MANGT	***421***	***Intro to Operations Management***	***3***
MANGT	***530***	***Industrial & Labor Relations***	***3***
MANGT	***531***	***Personnel & Human Resource Mgmt.***	***3***
MKTG	***450***	***Consumer Behavior***	***3***
MKTG	541	Retailing	3
MKTG	***542***	***Prof Selling and Sales Management***	***3***

*****Students who choose to minor in Business must have a minimum cumulative K-State GPA of 2.5 and receive a "C" or higher in each of the 5 required courses for the minor. ACCTG 231 & ACCTG 241 must both be taken from the same school to count toward the minor.**

 # General Education Course

Other professional electives can be substituted as appropriate by checking with the Chair of the FDSCI Program