Food Industry Option
Four Year Plan of Study - MA 123
(Math ACT Score 26 or higher and/or ALEKS Score 61 or higher)

Fall Year 1

Course	Hrs.
ASC 101 Domestic Animal Biology	3
CHE 105 General Chemistry I	4
CHE 111 General Chem I Lab	1
CIS or WRD 110 Comp & Comm I	3
AFE 100 Issues in Ag, Food & Environment	3
Total	**14**

Spring Year 1

Course	Hrs.
ASC 102 Introduction to Livestock & Poultry Production[a]	3
CHE 107 General Chemistry II[b]	3
CHE 113 General Chemistry II Lab	2
CIS or WRD 111 Comp & Comm II	3
MA 123 Brief Application of Calculus	4
Total	**15**

Fall Year 2

Course	Hrs.
ASC 205 Career Development for ASC	1
BIO 148 Introduction to Biology I	3
FSC 107 Introduction to Food Science[c]	3
STA 210 Introduction to Statistical Reasoning or STA 296 Statistical Methods & Motivations	3
UK Core Global Dynamics	3
Specialty Support Course[d]	3
Total	**16**

Spring Year 2

Course	Hrs.
BIO 152 Principles of Biology II[e]	3
CHE 230 Organic Chemistry I or CHE 236 Survey of Organic Chemistry[a]	3
WRD 203 Business Writing[a] or WRD 204 Technical Writing	3
UK Core Arts & Creativity	3
UK Core Humanities	3
Total	**15**

Fall Year 3

Course	Hrs.
ASC 300 Meat Science[c]	4
ASC 325 Animal Physiology	3
ASC 378 Animal Nutrition[e]	3
UK Core Social Sciences	3
Specialty Support Course[d]	2
Total	**15**

Spring Year 3

Course	Hrs.
ASC 362 Animal Breeding & Genetics	4
ASC 364 Reproductive Physiology of Farm Animals	4
FSC 304 Animal Food Products[a]	4
Specialty Support Course[d]	3
Total	**15**

Fall Year 4

Course	Hrs.
ASC 470 Capstone for Animal Agriculture	3
ASC Production Course	3-4
ASC Production Course	4
Free Elective	3
Free Elective	3
Total	**16-17**

Spring Year 4

Course	Hrs.
ASC 380 Applied Animal Nutrition[a]	3
ASC Academic Enrichment Experience[f]	1-3
ASC Production Course	2-3
Free Elective	3
Free Elective	3
Total	**12-15**

Production Courses	Semester
ASC 340 Poultry Production	Spring
ASC 404G Sheep Science	Fall
ASC 406 Beef Cattle Science	Fall
ASC 408G Swine Production	Spring
ASC 410G Equine Science	Spring
ASC 420G Dairy Cattle Science	Fall

120 hrs. required for graduation
45 hrs. of 300 level or higher required

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[a] Course only offered during spring semesters

[b] C or higher required in CHE 105

[c] Course only offered during fall semesters

[d] Specialty support electives are approved 200 level or higher courses

[e] C or higher required in BIO 148

[f] Requirement fulfilled via ASC 333 Scholar Teaching Learning ASC, ASC 395 Special Problems in Animal Sciences, ASC 399 Experiential Learning in ASC, or EAP 599 Study Abroad

Ann Leed, Animal Sciences Academic Coordinator, 859-257-2465, ann.leed@uky.edu, http://afs.ca.uky.edu