

**Iowa State University  
College of Agriculture  
Dairy Science Eight Semester Plan  
General Degree Option\*  
2003 - 2005 Catalog**

**Semester 1**

AnS 110	Orientation	R
AnS 114 & Lab	Survey of Animal Industry	3
Bio 201 & Lab	Principles of Biology I & Lab	4
Engl 104	First-Year Composition I	3
Math 150	Discrete Math for Business & Soc Sci	3
Soc Sci Elective	Social Science Elective	<u>3</u>

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**Semester 2**

Elective	General Elective	3
Chem 177 & Lab	General Chemistry & Lab	5
Lib 160	Library Instruction	0.5
Engl 105	First-Year Composition II	3
Humanities Elective	Humanities Elective	<u>3</u>

15.5

**Semester 3**

AnS 211	Issues Facing Animal Science	1
AnS 214 & Lab (see note)	Domestic Animal Physiology & Lab	4
Elective	General Elective	6
Stat 104	Introduction to Statistics	<u>3</u>

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**Semester 4**

AnS 200 Elective	Animal Science Elective (200 Level)	3
BBMB 221	Structure & Reactions in Biochem Proc	3
Int Perspectives Elective	International Perspectives Elective	3
SpCm 212	Fundamentals of Public Speaking	3
AST 115	Microcomputer Applications in Ag	<u>2</u>

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**Semester 5**

AnS 311	Career Preparation in Animal Science	1
AnS 319	Animal Nutrition	3
AnS 331	Animal Reproduction	3
Econ 101	Principles of Microeconomics	3
Elective	General Elective	<u>6</u>

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**Semester 6**

AnS 337	Lacation	2
AnS 352	Livestock Improv Through An Breeding	3
AnS 300 Elective	Animal Science Elective (300 Level)	2-3
Biol/Gen 301 / 320	Principles of Genetics	3
Micro 201, 201L	General Microbiology	3
US Multi-Culture Elective	US Multi-Culture Elective	<u>3</u>

16-17

**Semester 7**

AnS 411	Addressing Issues in Animal Science	1
AnS 434	Dairy Systems Managemen t	3
Elective	General Elective	<u>12</u>

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**Semester 8**

AnS 400 Elective	Animal Science Elective (400 Level)	3
Ethics Elective	Ethics Elective	3
Elective	General Elective	<u>11</u>

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\*Free electives and specified group electives are often chosen to complement the student's "Directional Studies" program. Directional Studies programs are elected career development scheduling schemes which individually prepare students for careers in the animal industry. They are explained fully in AnS 110 and through appointments with the student's academic advisor in Dairy Science. Copies of individual programs are available in 123 Kildee. The Directional Studies Programs are:

Advanced Degree in Dairy Science, Agricultural Promotion & Information, Agricultural Sales & Marketing, Animal Production & General Agribusiness, Business & Finance, Dairy Food Industry, International Agriculture, Pre-Veterinary Medicine