

**Food Industry Option**  
**EXAMPLE Four Year Plan of Study (Starting Fall 2017)**

**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         |
| GEN 100 Issues in Ag, Food & Environment | 3         |
| <b>Total</b>                             | <b>14</b> |

**Spring Year 1**

| Course                                                  | Hrs.      |
|---------------------------------------------------------|-----------|
| ASC 102b Introduction to Livestock & Poultry Production | 3         |
| CHE 107 General Chemistry II                            | 3         |
| CHE 113 General Chemistry II Lab                        | 2         |
| CIS or WRD 111 Comp & Comm II                           | 3         |
| MA 113 or MA 123 or MA 137 Calculus                     | 4         |
| <b>Total</b>                                            | <b>15</b> |

**Fall Year 2**

| Course                                                                | Hrs.      |
|-----------------------------------------------------------------------|-----------|
| ASC 205 Career Development for ASC                                    | 1         |
| BIO 148 Introduction to Biology I                                     | 3         |
| STA 210 Intro to Stat Reasoning or STA 296 Stat Methods & Motivations | 3         |
| UK Core Global Dynamics                                               | 3         |
| UK Core Humanities                                                    | 3         |
| Specialty Support Course                                              | 3         |
| <b>Total</b>                                                          | <b>16</b> |

**Spring Year 2**

| Course                                                 | Hrs.      |
|--------------------------------------------------------|-----------|
| BIO 152 Principles of Biology II                       | 3         |
| CHE 230 or CHE 236b Organic Chemistry                  | 3         |
| WRD 203b Business Writing or WRD 204 Technical Writing | 3         |
| Specialty Support Course                               | 3         |
| UK Core Arts & Creativity                              | 3         |
| <b>Total</b>                                           | <b>15</b> |

**Fall Year 3**

| Course                    | Hrs.         |
|---------------------------|--------------|
| ASC 325 Animal Physiology | 3            |
| ASC 378a Animal Nutrition | 3            |
| UK Core Social Science    | 3-4          |
| Specialty Support Course  | 3            |
| Free Elective*            | 3            |
| <b>Total</b>              | <b>16-17</b> |

**Spring Year 3**

| Course                             | Hrs.      |
|------------------------------------|-----------|
| ASC 362 Animal Breeding & Genetics | 4         |
| ASC 364 Animal Reproduction        | 4         |
| ASC 380b Feeds and Feeding         | 3         |
| Specialty Support Course           | 3         |
| Free Elective*                     | 3         |
| <b>Total</b>                       | <b>17</b> |

**Fall Year 4**

| Course                             | Hrs.         |
|------------------------------------|--------------|
| ASC 470 Capstone in Animal Science | 3            |
| ASC Production Elective            | 3-4          |
| ASC Production Elective            | 3-4          |
| Specialty Support Elective         | 3            |
| Free Elective*                     | 3            |
| <b>Total</b>                       | <b>15-17</b> |

**Spring Year 4**

| Course                                             | Hrs.        |
|----------------------------------------------------|-------------|
| Academic Enrichment Experience in Animal Science** | 1-3         |
| ASC Production Elective                            | 2-3         |
| Specialty Support Elective                         | 3           |
| Free Elective*                                     | 1-6         |
| <b>Total</b>                                       | <b>7-15</b> |

| Production Electives             | Offered |
|----------------------------------|---------|
| ASC 340 Poultry Production       | Spring  |
| ASC 404G Sheep Science           | Fall    |
| ASC 406 Beef Cattle Science      | Fall    |
| ASC 408G Swine Science           | Spring  |
| ASC 410G Equine Science          | Spring  |
| ASC 420G Dairy Cattle Management | Fall    |

**120 hrs required for graduation**

**45 hrs of 300 level or higher required**

**Specialty support electives are approved 200 level or higher courses outside of ASC**

a = only offered during fall

b = only offered during spring

\* = Consider 300 level or higher electives

\*\* = Requirement fulfilled via internship, study abroad, undergrad research or peer instruction.

**Work with your academic advisor to create an individualized plan.**

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**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         |
| GEN 100 Issues in Ag, Food & Environment | 3         |
| <b>Total</b>                             | <b>14</b> |

**Spring Year 1**

| Course                                                  | Hrs.      |
|---------------------------------------------------------|-----------|
| ASC 102b Introduction to Livestock & Poultry Production | 3         |
| CHE 107 General Chemistry II                            | 3         |
| CHE 113 General Chemistry II Lab                        | 2         |
| CIS or WRD 111 Comp & Comm II                           | 3         |
| MA 113 or MA 123 or MA 137 Calculus                     | 4         |
| <b>Total</b>                                            | <b>15</b> |

**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                                  | 3         |
| STA 210 Intro to Stat Reasoning or STA 296 Stat Methods & Motivations | 3         |
| UK Core Global Dynamics                                               | 3         |
| UK Core Humanities                                                    | 3         |
| <b>Total</b>                                                          | <b>16</b> |

**Spring Year 2**

| Course                                                 | Hrs.      |
|--------------------------------------------------------|-----------|
| BIO 152 Principles of Biology II                       | 3         |
| CHE 230 or CHE 236b Organic Chemistry                  | 3         |
| WRD 203b Business Writing or WRD 204 Technical Writing | 3         |
| Specialty Support Course                               | 3         |
| UK Core Arts & Creativity                              | 3         |
| <b>Total</b>                                           | <b>15</b> |

**Fall Year 3**

| Course                    | Hrs.         |
|---------------------------|--------------|
| ASC 300a Meat Science     | 4            |
| ASC 325 Animal Physiology | 3            |
| ASC 378a Animal Nutrition | 3            |
| UK Core Social Science    | 3-4          |
| Specialty Support Course  | 3            |
| <b>Total</b>              | <b>16-17</b> |

**Spring Year 3**

| Course                             | Hrs.      |
|------------------------------------|-----------|
| ASC 362 Animal Breeding & Genetics | 4         |
| ASC 364 Animal Reproduction        | 4         |
| ASC 380b Feeds and Feeding         | 3         |
| Specialty Support Course           | 3         |
| Free Elective*                     | 3         |
| <b>Total</b>                       | <b>17</b> |

**Fall Year 4**

| Course                             | Hrs.         |
|------------------------------------|--------------|
| ASC 470 Capstone in Animal Science | 3            |
| ASC Production Elective            | 3-4          |
| ASC Production Elective            | 3-4          |
| Specialty Support Elective         | 3            |
| Free Elective*                     | 3            |
| <b>Total</b>                       | <b>15-17</b> |

**Spring Year 4**

| Course                                              | Hrs.         |
|-----------------------------------------------------|--------------|
| Academic Enrichment Experience in Animal Sciences** | 1-3          |
| ASC Production Elective                             | 2-3          |
| Specialty Support Elective                          | 6            |
| Free Elective*                                      | 1-6          |
| <b>Total</b>                                        | <b>10-18</b> |

| Production Electives             | Offered |
|----------------------------------|---------|
| ASC 340 Poultry Production       | Spring  |
| ASC 404G Sheep Science           | Fall    |
| ASC 406 Beef Cattle Science      | Fall    |
| ASC 408G Swine Science           | Spring  |
| ASC 410G Equine Science          | Spring  |
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