

Sample 4-year plan: ANSC - Science/Pre-Professional [0104E]

| Year 1 | Fall | Cr | Spring | Cr |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------|--------------------------------------------------|-----------|
| <p>1. These courses are required early and/or are prerequisites for courses in the major.</p> <p>2. Increase your credit flexibility by selecting a CORE (HA/HL/HO/SH) that also satisfies CORE Diversity.</p> | ANSC101/103 ¹ Principles of Animal Science | 3 | BSCI105 ¹ Principles of Biology I | 4 |
| | MATH 220, 130 or 140 ¹ Calculus | 3-4 | CHEM 231/232 Organic Chemistry and lab | 4 |
| | CHEM 131/132 ¹ Fundamentals of General Chemistry and Lab | 4 | Elective | 3 |
| | ENGL101 ¹ Introduction to Writing | 3 | AREC 250 or ECON 200 (SB) | 3-4 |
| | | 13-14 | | 14-15 |
| Year 2 | Fall | Cr | Spring | Cr |
| | CHEM 241/242 Organic Chemistry II and Lab | 4 | CHEM 271/272 General Chemistry and Energetics | 4 |
| | ANSC 211 Anatomy of Domestic Animals (4cr as of Fall 15) | 3/4 | ANSC 212/214 Applied Animal Physiology | 4 |
| | CORE (D) ² | 3 | CORE (HA/HL/HO/SH) ² | 3 |
| | BSCI 106 | 4 | CORE (HA/HL/HO/SH) ² | 3 |
| | | | Elective | 3 |
| | | 14-15 | | 17 |

| Year 3 | Fall | Cr | Spring | Cr |
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| Full list of approved management and Adv. ANSC courses available on ANSC curriculum worksheets: http://ansc.umd.edu/undergrad/programoptions/ | ANSC 314 Comparative Animal Nutrition | 3 | ANSC 315 Applied Animal Nutrition | 3 |
| | BSCI 223 General Microbiology | 4 | ANSC 327 Molecular and Quantitative Animal Genetics | 3 |
| | ANSC Management Course | 3 | CORE Professional Writing | 3 |
| | CORE (HA/HL/HO/SH) ² | 3 | CORE SB | 3 |
| | | | BCHM 463 or BSCI 330 | 3-4 |
| | | | | |
| | | | 14 | 16-17 |
| Year 4 | Fall | Cr | Spring | Cr |
| 3. 9 credits Adv. ANSC courses required ----- Full list of approved management and Adv. ANSC courses available on ANSC curriculum worksheets: http://ansc.umd.edu/undergrad/programoptions/ This is a 120-credit degree track, although your choice of courses, substitutions, or additions may result in more. | ANSC Adv Elective ³ | 3 | ANSC Adv Elective ³ | 3 |
| | Adv Studies CORE (AS) | 3 | CORE (HA/HL/HO/SH) ² | 3 |
| | PHYS 121 Fundamentals of Physics | 4 | PHYS 122 Fundamentals of Physics II | 4 |
| | Elective | 3 | Elective | 3 |
| | ANSC Adv Elective ³ | 3 | Adv Studies CORE (AS) | 3 |
| | | | 17 | 16 |
| TOTAL CREDITS SHOULD EQUAL AT LEAST 120 | | | | |

[Ver. 2/3/15]