

Animal Science-Pre-Veterinary Medicine Option B.A./B.S.

Animal Science-Pre-Veterinary Medicine Option B.A./B.S. Web Site (<https://www.tamuc.edu/programs/animal-science-bs-pre-veterinary-medicine/>)

| Core Curriculum Courses | | 42 |
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| See the Core Curriculum Requirements (http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/) | | |
| Required courses in the major | | |
| AG 1131 | Intro To Agriculture | 1 |
| AG 300 | Professional Agricultural Communications | 1 |
| AG 400 | Seminar | 1 |
| ANS 1119 | Introduction to Animal Science Laboratory | 1 |
| ANS 1319 | Introduction to Animal Science * | |
| ANS 319 | Anatomy and Physiology of Domestic Animals | 3 |
| ANS 320 | Anatomy and Physiology of Domestic Animals Laboratory | 1 |
| ANS 307 | Animal Feeds and Feeding | 3 |
| ANS 308 | Animal Nutrition | 3 |
| ANS 309 | Animal Breeding | 3 |
| ANS 310 | Animal Genetics | 3 |
| ANS 311 | Reproductive Physiology of Domestic Animals | 3 |
| ANS 317 | Livestock Management Techniques | 3 |
| FDSC 318 | Meat Technology | 3 |
| Required Support Courses (with a minimum grade of D) | | |
| AEC 2317 | Agricultural Economics * | 3 |
| AEC 380 | Agricultural Statistics | 3 |
| or BSC 412 | Quantitative Biology | |
| or MATH 453 | Essentials of Statistics | |
| AG 405 | Internship Agri-Industries | 3 |
| BSC 1406 | Introductory Biology I * | |
| BSC 1407 | Introductory Biology II * | |
| MATH 1314 | US-College Algebra * | |
| PHIL 360 | US-General Ethics * | |
| PreVet Concentration + | | |
| BIOL 2420 | General Microbiology | 4 |
| CHEM 1311 & CHEM 1111 & CHEM 101 | General and Quantitative Chemistry I and General and Quantitative Chemistry Laboratory I and General Chemistry Tutorial I * | 5 |
| CHEM 1312 & CHEM 1112 & CHEM 102 | General and Quantitative Chemistry II and General and Quantitative Chemistry Laboratory II and General Chemistry Tutorial II * | 5 |
| CHEM 2323 & CHEM 2123 & CHEM 201 | Organic Chemistry I and Organic Chemistry Laboratory I and Organic Chemistry Tutorial I | 5 |
| CHEM 2325 & CHEM 2125 & CHEM 202 | Organic Chemistry II and Organic Chemistry Laboratory II and Organic Chemistry Tutorial II | 5 |
| CHEM 314 or AG 408 or CHEM 414 | General Biochemistry Nutritional Biochemistry Biochemistry | 3 |
| COMS 1321 or COMS 1315 or BAAS 303 | Business/Professional Speaking * Fundamentals of Public Speaking Professional Communications | |

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|--------------------|---|------------|
| MATH 2312 | Pre-Calculus * | 3 |
| PHYS 1401 | College Physics I | 4 |
| PHYS 1402 | College Physics II | 4 |
| VETT 100 | Introduction to the Profession of Veterinary Medicine | 3 |
| VETT 101 | Veterinary Medical Terminology | 1 |
| Total Hours | | 122 |

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These courses can be used to fulfill the Core Curriculum Requirements and courses in the major.

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Consult academic advisor to ensure you meet the prerequisites for the veterinary school you wish to apply to.

A grade of "C" or higher must be earned in all courses in this Major with the exception of the Support Course a grade of "D" is acceptable.