# ADVISING WORKSHEET

## MTSU School of Horse Science

### Major: Bachelor of Science in Horse Science, 2021–2022

120 total semester hours required to earn a Bachelor of Science degree

## GENERAL EDUCATION REQUIREMENTS

<table>
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<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1010</td>
<td>Expository Writing</td>
<td>3</td>
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<tr>
<td>ENGL 1020</td>
<td>Research and Argumentative Writing</td>
<td>3</td>
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<tr>
<td>COMM 2200</td>
<td>Fundamentals of Communication</td>
<td>3</td>
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<tr>
<td>ENGL 2020</td>
<td>Themes in Literature and Culture</td>
<td>3</td>
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<tr>
<td>ENGL 2030</td>
<td>The Experience of Literature</td>
<td>3</td>
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<tr>
<td>HUM 2610</td>
<td>Foreign Literature in Translation</td>
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**HUMANITIES–LITERATURE. Choose ONE:** (after ENGL 1010 and 1020)

- ENGL 2020: Themes in Literature and Culture
- ENGL 2030: The Experience of Literature
- HUM 2610: Foreign Literature in Translation

**HUMANITIES. Choose TWO of the following:** (must be of different prefix)

- ANTH 2210: Introduction to World Prehistory
- ART 1030: Introduction to Art
- ART 1920: Survey of Western Art
- DANC 1000: Introduction to Dance
- HIST 1010 or 1020: Survey of Western Civilization I or II
- HIST 1110 or 1120: Survey of World Civilization I or II
- MUHL 1610: The World of Music
- MUS 1030: Introduction to Music
- PHIL 1030: Introduction to Philosophy
- THEA 1030: Introduction to Theatre

**SOCIAL SCIENCES. Choose TWO of the following:** (with different prefix)

- AAS 2100: Introduction to African-American Studies
- ANTH 2010: Cultural Anthropology
- ECON 2410: Principles of Economics, Macroeconomics
- ECON 2420: Principles of Economics, Microeconomics
- EMCCOUR/ RIM 1020: America Media and Social Institutions
- GEOG 2000: Introduction to Regional Geography
- GS 2010: Introduction to Cross-Cultural Experiences
- HLTH 1530/1531: Health and Wellness / Lab
- PS 1005 or PS 1010: Intro American Politcs OR Intro Global Politics
- PSY 1410: General Psychology
- RS 2030: Religion and Society
- SOC 1010: Introductory Sociology
- SOC 2100: Social Problems
- WMST 2100: Introduction to Women’s Studies

**US HISTORY. Choose TWO of the following**

- HIST 2010: Survey of United States History I
- HIST 2020: Survey of United States History II
- HIST 2030: Tennessee History
- HIST 2040 or 2050: Survey of African American History I or II

**MATH. Choose ONE of the following**

- MATH 1530: Applied Statistics
- MATH 1710: College Algebra — minimum required for BIOL 1110
- MATH 1730: Precalculus
- MATH 1810: Applied Calculus I
- MATH 1910: Calculus I

- BIOL 1110/1111: General Biology I (with lab)
- BIOL 1120/1121: General Biology II (with lab)
- BIOL 2230/2231: Microbiology (with lab)
- BIOL 3250/3251: Genetics (with lab)
- BIOL 4210/4211: Cell & Molecular Biology (with lab)
- CHEM 1110/1111: General Chemistry I (with lab)
- CHEM 1120/1121: General Chemistry II (with lab)
- CHEM 3010/3011: Organic Chemistry I (with lab)
- CHEM 3020/3021: Organic Chemistry II (with lab)
- CHEM 3520/3521: Principles of Biochemistry (with lab)
- PHYS 2010/2011: Non-Calculus-Based Physics I (with lab)
- PHYS 2020/2021: Non-Calculus-Based Physics II (with lab)

## PRE-VETERINARY MEDICINE

**ADDITIONAL UPPER DIVISION ELECTIVES**

Suggested electives:

- ANSC 3450 Anatomy and Physiology of Domestic Animals
- ANSC 3310 Animal Care and Welfare
- ANSC 4260 Behavior of Domestic Animals
- HORS 4090 and HORS 4440 and HORS 4550

## MINOR REQUIREMENTS

Pre-Veterinary Medicine study preparation automatically includes:

- a Science major, General Science concentration (double-major)

## IMPORTANT NOTES:

- 36 hours of the required 120 hours be in 3000- or 4000-level upper-division courses.
- 30 hours of upper-division courses must be completed at MTSU, with a minimum of 12 upper-division HORS credits at MTSU.
- 50 hours of the required 120 hours必须 be earned at a 4-year college or university. Students must have a minimum GPA of 2.00 overall and within the major to graduate.

## GENERAL EDUCATION HOURS

89-90
It is most cost-effective to attend veterinary school in the state where you are a resident. All veterinary schools must maintain accreditation and pass mandatory reviews on a regular basis. One veterinary school is not necessarily “better” than another, and the difference in price between in-state and out-of-state tuition may be nearly double or more. For example, the University of Tennessee College of Veterinary Medicine Tuition and Fees for the 2020-2021 year were $29,336 for Tennessee residents and $56,602 for non-residents. Because we are in Tennessee, the information on this advising worksheet emphasizes application to the University of Tennessee College of Veterinary Medicine. More information about UT Vet School admissions can be found here: http://www.vet.utk.edu/admissions

If you are not a resident of Tennessee, you should review admission requirements for the veterinary college in your state of residence. A list of accredited colleges of veterinary medicine and their contact information is at this link: https://www.avma.org/ProfessionalDevelopment/Education/Accreditation/Colleges/Documents/colleges_accredited.pdf

Admission to Veterinary School is highly competitive!!
Regardless of the school to which you apply, GRADES are EXTREMELY IMPORTANT!!

Academic Profile of Applicants admitted to the
University of Tennessee College of Veterinary Medicine in Fall 2020:

- Average cumulative GPA: 3.61
- Average GRE Score: 306
- Total applications: 1086
- Students accepted into vet school: 85

These statistics are not unique to the University of Tennessee veterinary school.
For example, here are reported admission statistics for other Colleges of Veterinary Medicine:

- Auburn University: 1032 applicants, 130 accepted. Average GPA: 3.62
- University of Georgia: 1348 applicants, 126 accepted. Average GPA: 3.70
- Colorado State University: 2455 applicants, 158 accepted. Average GPA: 3.70
- North Carolina State University: 1156 applicants, 100 accepted. Average GPA: 3.64
- Texas A&M University: 739 applicants, 162 accepted. Average GPA: 3.69
- Lincoln Memorial University: 1880 applicants, 126 accepted. Average GPA: 3.50

All pre-veterinary course requirements must be completed by the end of the spring term of the year in which you intend to enroll in vet school. All prerequisite courses must be completed with a grade of C or better (but if you look at the academic profile of students admitted, please understand that a 3.61 average GPA means grades of A or B in all or nearly all classes). Veterinary schools consider GPA of all course work attempted, even repeated courses. In addition to your overall GPA, they place a strong emphasis on the GPA of your science and math courses (advanced biology, chemistry, physics, biochemistry and math), and they also examine your GPA in animal science courses. The bottom line: your grades in science and math must be exceptional.

The Graduate Record Exam (GRE) General Test is also required for admission. GRE scores of successful veterinary school applicants average around 305 to 315 total (verbal + quantitative); 340 is the highest possible GRE score. More information about the GRE can be found here: http://www.ets.org/gre

COURSE PLANNING WORKSHEET

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