

| Requirement                | Semester Credits | Kansas State University Courses accepted to fulfill requirement                                                                                                                                                                                                                    | Kansas State University Higher Level Courses accepted to fulfill requirement. In addition to this chart, please use <a href="#">K-State's Transfer Equivalency</a> to evaluate requirements taken elsewhere.                                                                                                                                                                                                                                                                                                                                      |
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| Chemistry I                | 4                | <a href="#">CHM 210 - Chemistry I</a><br><a href="#">CHM 220 - Honors Chemistry I</a>                                                                                                                                                                                              | <a href="#">CHM 585 - Physical Chemistry I</a><br><a href="#">CHM 595 - Physical Chemistry II</a><br><a href="#">AGRON 605 - Soil and Environmental Chemistry</a><br><a href="#">AGRON 855 - Soil Organic Chemistry</a><br><a href="#">AGRON 905 - Advanced Soil Chemistry</a><br><a href="#">CHM 611 - Inorganic Chemistry I</a><br><a href="#">CHM 711 - Inorganic Chemistry I</a><br><a href="#">CHM 531 - Organic Chemistry I</a><br><a href="#">CHM 532 - Organic Chemistry Laboratory</a><br><a href="#">CHM 550 - Organic Chemistry II</a> |
| Chemistry II               | 4                | <a href="#">CHM 230 - Chemistry II</a><br><a href="#">CHM 250 - Honors Chemistry II</a>                                                                                                                                                                                            | <a href="#">CHM 612 - Inorganic Chemistry II</a><br><a href="#">CHM 712 - Inorganic Chemistry II</a><br><a href="#">CHM 799 - Problems in Chemistry</a><br><a href="#">CHM 800 - Chemistry in Outer Space and in the Laboratory</a><br><a href="#">CHM 531 - Organic Chemistry I</a><br><a href="#">CHM 532 - Organic Chemistry Laboratory</a><br><a href="#">CHM 550 - Organic Chemistry II</a>                                                                                                                                                  |
| Organic Chemistry with Lab | 5                | <a href="#">CHM 350 - General Organic Chemistry</a><br><a href="#">CHM 351 - General Organic Chemistry Laboratory</a><br><a href="#">CHM 531 - Organic Chemistry I</a><br><a href="#">CHM 532 - Organic Chemistry Laboratory</a><br><a href="#">CHM 550 - Organic Chemistry II</a> | <a href="#">CHM 652 - Organic Chemistry III: Reactions and Mechanisms</a><br><a href="#">CHM 752 - Advanced Organic Chemistry</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Biochemistry               | 3                | <a href="#">BIOCH 521 - General Biochemistry</a>                                                                                                                                                                                                                                   | <a href="#">BIOCH 755 - Biochemistry I</a><br><a href="#">BIOCH 765 - Biochemistry II</a><br><a href="#">BIOCH 799 - Problems in Biochemistry</a><br><a href="#">BIOCH 571 - Medical Biochemistry</a><br><a href="#">BIOCH 775 - Molecular Biophysics</a>                                                                                                                                                                                                                                                                                         |

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| Physics I          | 4 | <a href="#">PHYS 113 - General Physics I</a>     | <a href="#">PHYS 223 - Physics I, Mechanics, and Thermodynamics</a><br><a href="#">PHYS 213 - Engineering Physics I</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Physics II         | 4 | <a href="#">PHYS 114 - General Physics II</a>    | <a href="#">PHYS 214 - Engineering Physics II</a><br><a href="#">PHYS 224 - Physics II, Electromagnetism, and Sound</a><br><a href="#">PHYS 325 - Physics III, Relativity, and Quantum Physics</a><br><a href="#">PHYS 451 - Principles of Contemporary Physics</a><br><a href="#">PHYS 642 - Nuclear Physics</a><br><a href="#">PHYS 655 - Physics of Solids</a><br><a href="#">PHYS 664 - Thermodynamics and Statistical Physics</a><br><a href="#">PHYS 694 - Particle Physics</a><br><a href="#">PHYS 741 - The Physics of Lasers</a><br><a href="#">PHYS 775 - Biological Physics</a>                                                                                                                                                                                                                                                                                                                                                                                                         |
| Biology or Zoology | 4 | <a href="#">BIOL 198 - Principles of Biology</a> | Any BIO, AP or related course above 200 level considered an advanced Biology course.<br><a href="#">AP 805 - Cell Physiology</a><br><a href="#">AP 837 - Introduction to Cell Physiology</a><br><a href="#">AP 843 - Physiology</a><br><a href="#">BIOL 500 - Plant Physiology</a><br><a href="#">BIOL 513 - Physiological Adaptations of Animals</a><br><a href="#">BIOL 868 - Advanced Cellular and Developmental Biology</a><br><a href="#">BIOL 330 - Public Health Biology</a><br><a href="#">BIOL 401 - Organismic Biology</a><br><a href="#">BIOL 410 - Biology of the Cancer Cell</a><br><a href="#">BIOL 435 - Environmental Biology</a><br><a href="#">BIOL 441 - Human Body I</a><br><a href="#">BIOL 442 - Human Body II</a><br><a href="#">BIOL 510 - Developmental Biology</a><br><a href="#">ASI 400 Farm Animal Reproduction</a><br><a href="#">ASI 533 - Anatomy and Physiology</a><br><a href="#">ASI 601 Physiology of Lactation</a><br><a href="#">BIOL 541 - Cell Biology</a> |

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|                       |   |                                                                                  | <a href="#">BIOL 604 - Biology of the Fungi</a><br><a href="#">BIOL 609 - Cellular and Molecular Biology of Human Diseases</a><br><a href="#">BIOL 640 - Population Biology</a><br><a href="#">BIOL 642 - Principles of Conservation Biology</a><br><a href="#">BIOL 707 - Advanced Cell Biology</a><br><a href="#">BIOL 855 - Molecular Biology of Cellular Membranes</a><br><a href="#">BIOL 868 - Advanced Cellular and Developmental Biology</a>                                                                                                                                                                                                                                         |
| Microbiology with Lab | 4 | <a href="#">BIOL 255 – General Microbiology</a>                                  | <a href="#">BIOL 604 - Biology of the Fungi</a><br><a href="#">BIOL 835 - Cellular and Molecular Parasitology</a><br><a href="#">AGRON 645 - Soil Microbiology</a><br><a href="#">BIOL 530 - Pathogenic Microbiology</a><br><a href="#">DMP 925 - Rumen Microbiology</a><br><a href="#">FDSCI 307 - Applied Microbiology for Meat and Poultry Processors</a><br><a href="#">FDSCI 600 - Food Microbiology</a><br><a href="#">BIOL 675 - Genetics of Microorganisms</a><br><a href="#">PLPTH 835 - Plant Virology</a>                                                                                                                                                                         |
| Genetics              | 3 | <a href="#">BIOL 450 - Modern Genetics</a><br><a href="#">ASI 500 - Genetics</a> | <a href="#">BIOL 580 - Molecular Biology of Genes and Genomes</a><br><a href="#">AGRON 680 - Plant Genetics</a><br><a href="#">AGRON 915 - Advanced Plant Genetics</a><br><a href="#">ASI 510 Animal Breeding Principles</a><br><a href="#">ASI 602 - Equine Breeding and Genetics</a><br><a href="#">BIOL 520 - Evolution</a><br><a href="#">BIOL 675 - Genetics of Microorganisms</a><br><a href="#">BIOL 705 - Eukaryotic Genetics</a><br><a href="#">ENTOM 860 - Insect Genetics</a><br><a href="#">PLPTH 610 Biotechnology</a><br><a href="#">PLPTH 820 - Population Genetics</a><br><a href="#">PLPTH 915 - Advanced Plant Genetics</a><br><a href="#">PLPTH 927 - Fungal Genetics</a> |

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| Writing I                      | 3 | <b>Writing</b> requirements can be fulfilled by composition courses, courses designed to fulfill the writing requirement of the undergraduate institution or any course with an ENG prefix. Applicants should provide a syllabus to <a href="mailto:admit@vet.k-state.edu">admit@vet.k-state.edu</a> to support the course writing requirement if it is not clear in the name of the course.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |
| Writing II                     | 3 | <b>Writing</b> requirements can be fulfilled by composition courses, courses designed to fulfill the writing requirement of the undergraduate institution or any course with an ENG prefix. Applicants should provide a syllabus to <a href="mailto:admit@vet.k-state.edu">admit@vet.k-state.edu</a> to support the course writing requirement if it is not clear in the name of the course.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |
| Public Speaking/Communications | 2 | <a href="#">COMM 105 - Public Speaking IA</a><br><a href="#">COMM 106 - Public Speaking I</a><br><a href="#">COMM 109 - Public Speaking 1A, Honors</a><br><a href="#">COMM 321 - Advanced Public Speaking</a><br><a href="#">AGCOM 310 - Communicating in the Agricultural Industry</a><br><a href="#">COMM 120 - Introduction to Human Communication</a><br><a href="#">COMM 322 - Interpersonal Communication</a><br><a href="#">COMM 326 - Group Communication</a><br><a href="#">COMM 332 - Communication and Technology</a><br><a href="#">COMM 420 - Gender Communication</a><br><a href="#">COMM 425 - Organizational Communication</a><br><a href="#">COMM 465 - Communication and Conflict</a><br><a href="#">COMM 480 - Intercultural Communication</a><br><a href="#">COMM 526 - Persuasion</a><br><a href="#">COMM 535 - Communication and Leadership</a><br><a href="#">COMM 542 - Relational Communication</a> | Foreign language courses not accepted.<br>Theater courses not accepted. |

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|                                   |           | <a href="#">COMM 537 - Negotiation and Communication</a><br><a href="#">COMM 545 - Communication in Democracy</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| Social Sciences and/or Humanities | 12        | <p><b>Social Sciences and/or Humanities</b> are fulfilled by courses focused on the study of human behavior and interaction in social, cultural, environmental, economic and political contexts. The Humanities and Social Sciences have a historical and contemporary focus, from personal to global contexts and consider challenges for the future. (Areas of study: law, history, ancient languages, modern languages, philosophy, religion, appreciation of visual/performing arts, anthropology, criminology, administration, archaeology, education, economics, psychology, linguistics, political science). Business and economic courses also accepted.</p> <p>On the VMCAS and KSU CVM Supplemental Applications, enter only enough courses to fulfill the requirements.</p> |  |
| Electives                         | 9         | <p><b>Electives</b> are fulfilled by courses not used for any other requirement and are of the applicant's own choosing.</p> <p>On the VMCAS and KSU CVM Supplemental Applications, enter only enough courses to fulfill the requirements.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <b>Total</b>                      | <b>64</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |