

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 K-State's Transfer Equivalency to evaluate requirements taken elsewhere.
Chemistry I	4	CHM 210 - Chemistry I CHM 220 - Honors Chemistry I	CHM 585 - Physical Chemistry I CHM 595 - Physical Chemistry II AGRON 605 - Soil and Environmental Chemistry AGRON 855 - Soil Organic Chemistry AGRON 905 - Advanced Soil Chemistry CHM 611 - Inorganic Chemistry I CHM 711 - Inorganic Chemistry I CHM 531 - Organic Chemistry I CHM 532 - Organic Chemistry Laboratory CHM 550 - Organic Chemistry II
Chemistry II	4	CHM 230 - Chemistry II CHM 250 - Honors Chemistry II	CHM 612 - Inorganic Chemistry II CHM 712 - Inorganic Chemistry II CHM 799 - Problems in Chemistry CHM 800 - Chemistry in Outer Space and in the Laboratory CHM 531 - Organic Chemistry I CHM 532 - Organic Chemistry Laboratory CHM 550 - Organic Chemistry II
Organic Chemistry with Lab	5	CHM 350 - General Organic Chemistry CHM 351 - General Organic Chemistry Laboratory CHM 531 - Organic Chemistry I CHM 532 - Organic Chemistry Laboratory CHM 550 - Organic Chemistry II	CHM 652 - Organic Chemistry III: Reactions and Mechanisms CHM 752 - Advanced Organic Chemistry
Biochemistry	3	BIOCH 521 - General Biochemistry	BIOCH 755 - Biochemistry I BIOCH 765 - Biochemistry II BIOCH 799 - Problems in Biochemistry BIOCH 571 - Medical Biochemistry BIOCH 775 - Molecular Biophysics

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

			BIOL 604 - Biology of the Fungi BIOL 609 - Cellular and Molecular Biology of Human Diseases BIOL 640 - Population Biology BIOL 642 - Principles of Conservation Biology BIOL 707 - Advanced Cell Biology BIOL 855 - Molecular Biology of Cellular Membranes BIOL 868 - Advanced Cellular and Developmental Biology
Microbiology with Lab	4	BIOL 455 - General Microbiology	BIOL 604 - Biology of the Fungi BIOL 835 - Cellular and Molecular Parasitology AGRON 645 - Soil Microbiology BIOL 530 - Pathogenic Microbiology DMP 925 - Rumen Microbiology FDSCI 307 - Applied Microbiology for Meat and Poultry Processors FDSCI 600 - Food Microbiology BIOL 675 - Genetics of Microorganisms PLPTH 835 - Plant Virology
Genetics	3	BIOL 450 - Modern Genetics ASI 500 - Genetics	BIOL 580 - Molecular Biology of Genes and Genomes AGRON 680 - Plant Genetics AGRON 915 - Advanced Plant Genetics ASI 510 Animal Breeding Principles ASI 602 - Equine Breeding and Genetics BIOL 520 - Evolution BIOL 675 - Genetics of Microorganisms BIOL 705 - Eukaryotic Genetics ENTOM 860 - Insect Genetics PLPTH 610 Biotechnology PLPTH 820 - Population Genetics PLPTH 915 - Advanced Plant Genetics PLPTH 927 - Fungal Genetics

Writing I	3	<p>Writing 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 admit@vet.k-state.edu to support the course writing requirement if it is not clear in the name of the course.</p>	
Writing II	3	<p>Writing 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 admit@vet.k-state.edu to support the course writing requirement if it is not clear in the name of the course.</p>	
Public Speaking/Communications	2	<p>COMM 105 - Public Speaking IA COMM 106 - Public Speaking I COMM 109 - Public Speaking 1A, Honors COMM 321 - Advanced Public Speaking AGCOM 310 - Communicating in the Agricultural Industry COMM 120 - Introduction to Human Communication COMM 322 - Interpersonal Communication COMM 326 - Group Communication COMM 332 - Communication and Technology COMM 420 - Gender Communication COMM 425 - Organizational Communication COMM 465 - Communication and Conflict COMM 480 - Intercultural Communication COMM 526 - Persuasion COMM 535 - Communication and Leadership COMM 542 - Relational Communication</p>	<p>Foreign language courses not accepted. Theater courses not accepted.</p>

		COMM 537 - Negotiation and Communication COMM 545 - Communication in Democracy	
Social Sciences and/or Humanities	12	<p>Social Sciences and/or Humanities 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>Electives 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>	
Total	64		