

REQUIRED UNDERGRADUATE COURSEWORK

Course and Title	Semester Credit Hours Required	UNL Course Equivalent**
English Composition One year of composition or writing emphasis courses. May include business or technical writing. Bachelor's degree counts for one-half of this requirement.	6 credits	ENGL 150 or 151 or JGEN 120 or 200 or 300 or any UNL ACE 1 course
Oral Communication May include public speaking, interpersonal communication, group or organizational communication or speaking emphasis courses. Bachelor's degree will fulfill this requirement.	3 credits	COMM 101, 109 or 209 or 283 or 286 or any UNL ACE 2 course
General Chemistry* One year series (2 semester lectures) for biological science majors with lab.	7 credits	CHEM 109/110 with labs
Organic Chemistry* One year series (2 semesters) with one semester lab.	7 credits	CHEM 251 and 252 CHEM 253 or 254
Biochemistry* One semester (no lab required). Upper-level (junior or senior) course.	3 credits	BIOC 321 or 431†
Physics* First semester of a two-semester series with lab. Must include mechanics, fluids, heat and thermodynamics, vibrations, waves and sound. One semester overview courses will not fulfill this requirement.	4 credits	PHYS 141
General Biology* One year series with lab each term. If a two semester series is not available, an organismal biology course with lab and a cellular biology course with lab will substitute. A Bachelor's degree in Biology also fulfills this requirement. Microbiology will not fulfill the cellular semester requirement for students that matriculated August 2013 or later.	8 credits	LIFE 120 and 120L LIFE 121 and 121L
Genetics* Must include both Mendelian and molecular genetics (no lab required). Most animal breeding or livestock improvement courses will not fulfill this requirement. Molecular genetics may be combined with a livestock improvement course to cover the Mendelian genetics in order to fulfill this requirement. Molecular genetics alone will not fulfill the requirement.	3 credits	BIOS 206 or AGRO 315
Mammalian Anatomy and/or Physiology* (no lab required) Human anatomy and physiology will fulfill this requirement. A single course in anatomy or physiology is preferred over an anatomy/physiology combined course. This course must be an overview of all mammalian systems. Comparative anatomy/physiology courses do not all fulfill this requirement. ASCI 240 will not fulfill the requirement for students that matriculated August 2017 or later.	3 credits	ASCI 340† or BIOS 213† or 214
Arts, Humanities and/or Social Sciences	8 credits	
Electives	8 credits	

†Preferred

*Science Requirement—These courses are used to calculate the required science GPA

**Additional courses may fulfill these requirement. Please contact the Professional Program in Veterinary Medicine office at 402-472-7306 or ppvm@unl.edu for further information.