

## Northeast Iowa Community College/Iowa State University Proposed Transfer Plan for AS Degree with Pre-Veterinary Medicine Focus

COMMUNICATION (9 credits)				
Course #	Course Title	Credit	ISU Course #	ISU Course Title
ENG:105	Composition I	3	ENGL 150	Critical Thinking and Communication
ENG:106	Composition II	3	ENGL 250	Written, Oral, Visual, Electronic Communication
SPC:112	Public Speaking	3	SP CM 212	Fundamentals of Public Speaking

HUMANITIES/SOCIAL SCIENCE (12 credits)				
Transfer-level courses: ART, ASL, CLS, DRA, ECN, FLS, GEO, HIS, HUM, LIT, MUS, PHI, POL, PSY, REL, SOC. One History course required: ART:203, ART:204, HIS:131, HIS:132, HIS:151, HIS:152, HIS:214.				
Course #	Course Title	Credit	ISU Course #	ISU Course Title
	History Elective	3		Arts and Humanities Elective
	Elective	3		Arts and Humanities Elective
	Elective	3		
	Elective	3		

MATH/SCIENCE (20 credits)				
Transfer-level MAT and transfer-level: BIO, CHM, ENV, PHS, PHY required. One Science course must include a lab component.				
Course #	Course Title	Credit	ISU Course #	ISU Course Title
BIO:112	General Biology I	4	BIOL 211/211L	Principles of Biology I and Lab
BIO:113	General Biology II	4	BIOL 212/212L	Principles of Biology II and Lab
CHM:160/161	Chemistry I and Lab	3, 1.5	CHEM 177/177L	General Chemistry I and Lab
CHM:170	Chemistry II	3	CHEM 178	General Chemistry II
CHM:261	Organic Chemistry	4	CHEM 331/331L	Organic Chemistry and Lab
	Math Elective	3		

REMAINING REQUIREMENTS (19 credits)				
The remaining semester hours will be accepted from transfer-level arts and sciences electives with the understanding that up to 16 semester hours of career-technical credit could be applied which includes SDV:179 The College Experience.				
Course #	Course Title	Credit	ISU Course #	ISU Course Title
SDV:179	The College Experience	3	PSYCH 1T**	Psychology Elective
AGS:218	Domestic Animal Physiology	4	AN S 214/214L	Domestic Animal Physiology and Lab
AGS:242	Animal Health	3	AN S 2T**	Elective
AGS:319	Animal Nutrition	3	AN S 2T**	Elective
PHY:162	Physics I (includes Lab)	4	PHYS 131	General Physics and Lab
	Carry over from Math/Science	2.5		

A Diversity course is a requirement for graduation at NICC. One of the following courses will satisfy this requirement: ASL:131, ASL:161, ASL:241, ASL:271, CLS:150, COM:148, FLS:141, FLS:142, FLS:241, FLS:242, FLS:282, HIS:214, HUM:108, HUM:170, LIT:115, LIT:134, LIT:186, SOC:208. This course will count toward the required credits in the Humanities, Social Science, or Remaining Requirements area.

**\*NICC courses that satisfy Arts and Humanities Electives at ISU:** ART:203 Art History I, ART:204 Art History II, HIS:131 World Civilization I, HIS:132 World Civilization II, HIS:151 US History To 1877, HIS:152 US History Since 1877, EDU:235 Children's Literature, MUS:100 Music Appreciation, PHI:101 Introduction to Philosophy, PHI:105 Introduction to Ethics, REL:105 Introduction to Religion

NOTE: No Genetics or Biochemistry offered at NICC at this time (suggested in Year 2 of program courses at ISU). Courses can be taken at Upper Iowa University and substituted in for elective credit under **Remaining Requirements**.