

FALL

FRESHMAN (2020)

IDS-103	CU Foundations I	1
MAT-XXX	Math Cognate*	3-4
ENG-212	Writing & Culture**	3
BIO-151	General Biology	4
BIO-241	Anatomy & Physiology I	4
		15+

SOPHOMORE (2021)

CHM-121	General Chemistry I	4
PHI-211	Philosophy in Culture	3
MAT-151	Statistics	3
REL-104	Old Testament Literature	3
KIN-100	Total Fitness & Wellness	2
		15

JUNIOR (2022)

CHM-230	Organic Chemistry I Lab	2
CHM 231	Organic Chemistry I	3
KIN-1XX	KIN Activity course	1
BIO-431	Vertebrate Zoology	4
	General elective	3
		13

SENIOR (2023)

BIO-400	Capstone Seminar	3
BIO-351	Genetics	4
SCI-496	Senior Research Seminar	1
PHY-211	Physics I	4
REL-352	Christian Beliefs & History	3
		15

SPRING

FRESHMAN (2021)

IDS-104	CU Foundations II	1
HIS-114	World Civilization II	3
COM-112	Communication in Culture	3
IDS-101	Creativity, Innovation & Problem Solving	2
BIO-242	Anatomy & Physiology II	4
PSY-111	General Psychology***	3
		16

SOPHOMORE (2022)

CHM-122	General Chemistry II	4
BIO-233	Zoology	4
HUM-311	Imagination in Culture	3
REL-204	New Testament Literature	3
	Global Studies Requirement could take as J or May term trip	3
		17

JUNIOR (2023)

CHM-232	Organic Chemistry II	3
CHM-233	Organic Chemistry II Lab	2
BIO-352	Microbiology	4
SCI-380	Internship	3
	Pre-Veterinary Elective****	3-4
		15+

SENIOR (2024)

BIO-451	Molecular Cell Biology	4
SCI-361	Evolution & Origins	3
SCI-495	Senior Research Project	1
PHY-212	Physics II	4
	General electives	2
		14

TOTAL CREDITS

120

*Students should check with Veterinary schools for requirements. MAT 121 or MAT 122 (Spring semester only) are options. Math Placement based on ACT/SAT score.

**English placement based on ACT/SAT score

***PSY 111 fulfills the Core Social Science requirement

****See back for Pre-Veterinary major elective options

RELATED COURSES THAT FULFILL GLOBAL STUDIES REQUIREMENT:

For a full list of courses see Academic Catalog

CMI-243	Introduction to Intercultural Studies	3
COM-311	Intercultural Communication	3
SSC-312	World Affairs	3
LIN-100	Language in Culture	3
	International Study Trip	3

APPROVED PRE-VETERINARY ELECTIVES (CHOOSE 1):

BIO 347- Nutrition	3	SCI 361- Pharmacology	3
BIO 353- Pathophysiology	3	SCI 423- Neuroscience	3
CHM 472- Biochemistry	4		

REQUIRED PRE-VETERINARY CONCENTRATION COURSES

	Credit Hours	
BIO-151	General Biology	4
BIO-233	Zoology	4
BIO-241	Anatomy and Physiology I	4
BIO-242	Anatomy and Physiology II	4
BIO-351	Genetics	4
BIO-352	Microbiology	4
BIO-400	Capstone Seminar: Bioethics and Argument Theory	3
BIO-431	Vertebrate Zoology	4
BIO-451	Molecular Cell Biology	4
CHM-121	General Chemistry I	4
CHM-122	General Chemistry II	4
CHM-230	Organic Chemistry I Lab	2
CHM-231	Organic Chemistry I	3
CHM-232	Organic Chemistry II	3
CHM-233	Organic Chemistry II Lab	2
MAT-151	Statistics	3
PHY-211	Physics I	4
PHY-212	Physics II	4
SCI-361	Evolution and Origins	3
SCI-380	Internship	3
SCI-495	Senior Research Project	1
SCI-496	Senior Research Seminar	1
	Pre-Veterinary Elective (See list above to choose appropriate courses)	3-4

CUMULATIVE TOTAL 75-76