

**CENTENARY UNIVERSITY**  
**B.S. IN ANIMAL HEALTH: EQUINE PRE-VET TRACK**  
**RECOMMENDED FOUR-YEAR SEQUENCE**  
**2020-2021**

<b>Course #</b>	<b>Title</b>	<b>Prerequisites</b>	<b>Credits</b>	<b>Completed</b>
<b><u>YEAR 1 (FALL)</u></b>				
[Dept] 1205	Nature of Work		2	_____
LAS 1305	Wellness		2	_____
BIO 1150	General Biology I (STEM)		4	_____
MTH 1501	Statistics I (STEM)		4	_____
MTH 2151	Calculus I**	MTH 1600 (≥C) or placement test	4	_____
<b><u>YEAR 1 (SPRING)</u></b>				
BIO 1160	General Biology II	BIO 1150 (≥C-)	4	_____
WRI 1001/1002	Comp & Rhet I OR Comp & Rhet II	by self placement	4	_____
MTH 1502	Statistics II	MTH 1501	4	_____
[Dept] 1105	Broad, Enduring Interest		4	_____
<b><u>YEAR 2 (FALL)</u></b>				
CHM 1100	General Chemistry I**	MTH 1600*(pre- or co-rec)	4	_____
PHY 2001	Physics I	MTH 2151 (≥C-)	4	_____
EST 2012	Equine Health I		4	_____
WRI 1002/2012	Comp & Rhet II OR Advanced Comp		4	_____
<b><u>YEAR 2 (SPRING)</u></b>				
CHM 1110	General Chemistry II	CHM 1100 (≥C-)	4	_____
PHY 2002	Physics II	PHY 2001 (≥C-)	4	_____
COM 2001	Public Speaking		4	_____
EST 3010	Equine Health II	EST 2012	4	_____
<b><u>YEAR 3 (FALL)</u></b>				
BIO 3100	Genetics	BIO 1150 (≥C-)	4	_____
CHM 2050	Organic Chemistry I	CHM 1110 (≥C-)	4	_____
EST 4024	Equine Musculoskeletal System I	EST 2012	4	_____
ANH 1005	Animal Nutrition (offered Fall of odd numbered years)		4	_____
RES 2000	Scientific Research		2	_____
<b><u>YEAR 3 (SPRING)</u></b>				
BIO 3500	Microbiology	BIO 1150 (≥C-) CHM 1110 (≥C-)	4	_____
BIO 3210	Animal Physiology and Behavior	Junior Standing	4	_____
CHM 2060	Organic Chemistry II	CHM 2050 (≥C-)	4	_____
ANH 1001	Animal Handling		2	_____
<b><u>YEAR 4 (FALL)</u></b>				
CHM 4200	Biochemistry	CHM 2050 (≥C-)	4	_____
Culture & Soc	Cultural Understanding in a Global Context		4	_____
ELECTIVE	Elective		4	_____
<b><u>YEAR 4 (SPRING)</u></b>				
EST 4030	Equine Seminar	Senior Standing	4	_____
BIO 4300	Bioethics (Social and Community Responsibility)		4	_____
Culture & Soc	Creative Expression & Creative Self		4	_____
			<b>Total</b>	<b>120</b>

\*\*Chemistry/math placement test required.

STUDENT NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

**UNIVERSITY CORE REQUIREMENTS (40 CR)      GRADE**

**Academic Foundations (8 Credits)**

[Dept] 1105 Broad, Enduring Interest	4CR	_____
[Dept] 1205 Nature of Work	2CR	_____
LAS1305 Wellness	2CR	_____

**Communication (12 Credits)**

*(Written Communication requires C- or better)*

WRI1001 Composition & Rhetoric I -or-		
WRI1002 Composition & Rhetoric II	4CR	_____

WRI1002 Composition & Rhetoric II -or-		
WRI2012 Advanced Composition	4CR	_____

COM2001 Public Speaking	4CR	_____
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**STEM Engagement (8 Credits)**

BIO1150 GENERAL BIOLOGY I*	4CR	_____
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MTH1501 STATISTICS I	4CR	_____
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**Culture & Society (12 Credits)**

_____	4CR	_____
Cultural Understanding in a Global Context		

BIO 4300 BIOETHICS	4CR	_____
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Social & Community Responsibility		
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_____	4CR	_____
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Creative Expression & Creative Self		
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**Animal Health Major Requirements (38 Credits)**

ANH 1001 ANIMAL HANDLING**	2CR	_____
ANH1005 ANIMAL NUTRITION	4CR	_____
BIO1150 GENERAL BIOLOGY I*(STEM)	CORE	_____
BIO1160 GENERAL BIOLOGY II	4CR	_____
BIO3100 GENETICS	4CR	_____
BIO3210 ANIMAL PHYSIO. & BEHAV.	4CR	_____
BIO3500 MICROBIOLOGY	4CR	_____
EST2012 EQUINE HEALTH I	4CR	_____
EST3010 EQUINE HEALTH II	4CR	_____
BIO 4300 BIOETHICS (Comm Resp)	CORE	_____
EST4024 EQUINE MUS.SK. SYSTEMS I	4CR	_____
EST4030 EQUINE SEMINAR	4CR	_____

**Related Major Requirements (38 Credits)**

CHM1100 GENERAL CHEMISTRY I*	4CR	_____
CHM1110 GENERAL CHEMISTRY II*	4CR	_____
CHM2050 ORGANIC CHEMISTRY I*	4CR	_____
CHM2060 ORGANIC CHEMISTRY II	4CR	_____
CHM4200 BIOCHEMISTRY	4CR	_____
MTH1501 STATISTICS I* (STEM)	CORE	_____
MTH 1502 STATISTICS II	4CR	_____
MTH2151 CALCULUS I*	4CR	_____
PHYS PHYSICS I*	4CR	_____
PHY2002 PHYSICS II	4CR	_____
RES2000 SCIENTIFIC RESEARCH	2CR	_____

**Elective (4 credits)**

The following courses are recommended, but not required:

ANH3001 VET. MED. TECHNIQUES	2CR	_____
BIO2300 MEDICAL TERMINOLOGY	2CR	_____
EST2100 EQUINE VET. EXPERIENCE**	2CR	_____
EST3012 EQUINE NUTRITION	4CR	_____
EST4015 BREEDING MANAGEMENT	2CR	_____
EST____RIDING SKILLS_____	2CR	_____

\*Grade of ≥C- or better required

\*\* May be taken more than once for credit

**TOTAL NUMBER OF CREDITS:                      120**

Notes:

- To earn a Bachelor degree, all graduates must successfully complete a minimum of 120 credit hours.
- Minimum of 30 credits must be taken at Centenary University.
- All graduates must have a minimum cumulative grade point average of 2.0 or above.
- All graduates must have a minimum of 2.0 GPA in their major(s).
- Courses that are listed as special topic, typically ending with a 99, are repeatable. These courses are counted multiple times and do not replace grades of the previous special topic course.
- Credits can be shared between the core and the major, or core and minor requirements. Shared credits within the core requirements are not allowed.
- This curriculum will satisfy the basic requirements of most veterinary schools. Each student is responsible for determining additional courses required by specific veterinary programs.