

**CENTENARY UNIVERSITY**

**B.S. IN ANIMAL HEALTH: PRE-VET TRACK RECOMMENDED FOUR-YEAR SEQUENCE 2023-2024**

<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 1301	General Biology I (STEM)		3	_____
BIO 1101	General Biology I Lab (STEM)		1	_____
WRI 1001/1002	Comp & Rhet I OR Comp & Rhet II	by self placement	4	_____
MTH 2151	Calculus I***	MTH 1600 (≥C) or placement test	4	_____
<b><u>YEAR 1 (SPRING)</u></b>				
BIO 1302	General Biology II	BIO 1301 (≥C)	3	_____
BIO 1102	General Biology II Lab		1	_____
WRI 1002/2012	Comp & Rhet I OR Comp & Rhet II	by self-placement	4	_____
MTH 1501	Statistics I		4	_____
[Dept] 1105	Broad, Enduring Interest		4	_____
<b><u>YEAR 2 (FALL)</u></b>				
CHM 1302	General Chemistry I***	MTH 1600*(pre- or co-rec)	3	_____
CHM 1102	General Chemistry I Lab		1	_____
PHY 2300	Physics I	MTH 1600 (≥C-)	3	_____
PHY 2100	Physics I Lab		1	_____
WRI 1002/2012	Comp & Rhet II OR Advanced Comp		4	_____
EST 2012/ANH EL	Equine Health I <b>OR</b> ANH Elective		4	_____
<b><u>YEAR 2 (SPRING)</u></b>				
CHM 1303	General Chemistry II	CHM 1302 (≥C-)	3	_____
CHM 1103	General Chemistry II Lab		1	_____
PHY 2301	Physics II	PHY 2300 (≥C-)	3	_____
PHY 2101	Physics II Lab		1	_____
COM 2001	Public Speaking		4	_____
EST 3010/ANH EL	Equine Health II <b>OR</b> ANH Elective	EST 2012	4	_____
<b><u>YEAR 3 (FALL)</u></b>				
BIO 3304	Microbiology	BIO 1301 (≥C-) CHM 1303 (≥C-)	3	_____
BIO 3104	Microbiology Lab		1	_____
CHM 2300	Organic Chemistry I	CHM 1303 (≥C-)	3	_____
CHM 2100	Organic Chemistry I Lab		1	_____
EST 4024/BIO 3200&3102	EMS I <b>OR</b> CVA&CVA Lab	EST 2012/ n/a	4	_____
ANH 1005**/EL	Animal Nutrition <b>OR</b> Elective(s)	BIO1160/ n/a	4	_____
<b><u>YEAR 3 (SPRING)</u></b>				
BIO 3301	Genetics	BIO 1301 (≥C-)	3	_____
BIO 3101	Genetics Lab		1	_____
BIO 3303	Animal Physiology and Behavior	BIO 2302 OR BIO 3302 OR EST 4024	3	_____
BIO 3103	Animal Physiology and Behavior Lab		1	_____
CHM 2301	Organic Chemistry II	CHM 2300 (≥C-)	3	_____
CHM 2101	Organic Chemistry II Lab		1	_____
Elective	Elective		2	_____
<b><u>YEAR 4 (FALL)</u></b>				
CHM 4300	Biochemistry	CHM 2300 (≥C-)	3	_____
CHM 4100	Biochemistry Lab		1	_____
Culture & Soc	Cultural Understanding in a Global Context		4	_____
ANH 1005**/EL	Animal Nutrition OR Elective(s)	BIO 1302/n/a	4	_____
<b><u>YEAR 4 (SPRING)</u></b>				
Senior Seminar	BIO 4100 OR EST 4030	Senior Standing	4	_____
BIO 4300	Bioethics (Social and Community Responsibility)		4	_____
Culture & Soc	Creative Expression & Creative Self		4	_____
Elective	Elective		2	_____
<b>Total</b>			<b>120</b>	_____

\*\*ANH 1005 offered in the fall of odd numbered years, \*\*\*Chemistry/math placement test required.

**B.S. IN ANIMAL HEALTH: PRE-VET TRACK**

**2023-2024 DEGREE AUDIT WORKSHEET**

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	_____
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WRI1002 Composition & Rhetoric II -or- WRI2012 Advanced Composition	4CR	_____
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COM2001 Public Speaking	4CR	_____
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**STEM Engagement (8 Credits)**

BIO1301 GENERAL BIOLOGY I*	3CR	_____
BIO 1101 GENERAL BIOLOGY I LAB*	1CR	_____
MTH1501 STATISTICS I	4CR	_____

**Culture & Society (12 Credits)**

_____	4CR	_____
Cultural Understanding in a Global Context		

<u>BIO 4300 BIOETHICS</u>	4CR	_____
Social & Community Responsibility		

_____	4CR	_____
Creative Expression & Creative Self		

**Animal Health Major Requirements (36 Credits)**

ANH1005 ANIMAL NUTRITION	4CR	_____
BIO1301 GENERAL BIOLOGY I* (STEM)	CORE	_____
BIO1101 GENERAL BIOLOGY I LAB*	CORE	_____
BIO1302 GENERAL BIOLOGY II	3CR	_____
BIO1102 GENERAL BIOLOGY II LAB	1CR	_____
BIO3301 GENETICS	3CR	_____
BIO3101 GENETICS LAB	1CR	_____
BIO3303 ANIMAL PHYSIO. & BEHAV.	3CR	_____
BIO3103 ANIMAL PHYSIO. & BEHAV. LAB	1CR	_____
BIO3304 MICROBIOLOGY	3CR	_____
BIO3104 MICROBIOLOGY LAB	1CR	_____
BIO4300 BIOETHICS (Comm. Resp)	CORE	_____
EST2012 EQUINE HEALTH <b>OR</b> ANH ELECTIVE(S)	4 CR	_____
EST3010 EQUINE HEALTH II <b>OR</b> ANH ELECTIVE(S)	4 CR	_____
EST4024 <b>OR</b> BIO 3302 AND 3102	4 CR	_____

**SENIOR SEMINAR REQUIREMENT**      4 CR

EST4030 EQUINE SEMINAR <b>OR</b> BIO4100 BIOLOGY SEMINAR		
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**Related Major Requirements (36 Credits)**

CHM1302 GENERAL CHEMISTRY I*	3CR	_____
CHM1102 GENERAL CHEMISTRY I LAB	1CR	_____
CHM1303 GENERAL CHEMISTRY II*	3CR	_____
CHM1103 GENERAL CHEMISTRY II LAB	1CR	_____
CHM2300 ORGANIC CHEMISTRY I*	3CR	_____
CHM2100 ORGANIC CHEMISTRY I LAB	1CR	_____
CHM2301 ORGANIC CHEMISTRY II	3CR	_____
CHM2101 ORGANIC CHEMISTRY II LAB	1CR	_____
CHM4300 BIOCHEMISTRY	3CR	_____
CHM4100 BIOCHEMISTRY LAB	1CR	_____
MTH1502 STATISTICS I (STEM)	CORE	_____
MTH2151 CALCULUS I*	4CR	_____
PHY2300 PHYSICS I*	3CR	_____
PHY2100 PHYSICS I LAB	1CR	_____
PHY2301 PHYSICS II	3CR	_____
PHY2101 PHYSICS II LAB	1CR	_____

**Free Electives (8 Credits)**

8 CR \_\_\_\_\_

**ANH Elective Choices**

Only if additional major related courses are required for graduation, students must choose from the following electives. Otherwise, students may choose any University offering.:

ANH3001 VET. MED. TECHNIQUES	2CR
BIO2300 MEDICAL TERMINOLOGY	2CR
EST2100 EQUINE VET. EXPERIENCE**	2CR
EST4015 BREEDING MANAGEMENT	2CR
ANH1001 ANIMAL HANDLING	2CR
RES2000 SCIENTIFIC RESEARCH**	2CR
RES1000 SCIENTIFIC RESEARCH**	
EST3012 EQUINE NUTRITION	4CR
EST4200 APPLIED MUSCULOSKELETAL THERAPIES	4 CR
BIO3302 COMP VERT ANATOMY	3CR
BIO3102 COMP VERT ANATOMY LAB	1CR
EST4024 EQUINE MS SYSTEM I	4CR
EST2012 EQUINE HEALTH	4 CR
EST3010 EQUINE HEALTH II	4 CR

\*Grade of ≥C- or better required  
\*\* May be taken more than once for credit

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.

**TOTAL NUMBER OF CREDITS:                      120**

