## **BUTLER UNIVERSITY • DEPARTMENT OF ART**

## **B.A. IN ART + DESIGN PLUS PRE-VETERINARY MEDICINE**

- The B.A. degree in Art + Design requires 120 credits.
  - --40 hours must be 300 or 400-level courses.

ART \_\_\_\_

Art Elective

- --All art majors have Arts Event Attendance Requirements; for details, check https://www.butler.edu/jca/for-current-students.
- The combination of Art + Design and Pre-Veterinary Medicine will fulfill the following Areas of Inquiry in the University Core Curriculum: Perspectives of the Creative Arts, Analytic Reasoning, The Natural World, and The Social World. In addition, the B.A. Art + Design curriculum fulfills the Indianapolis Community Requirement of the Butler University Core Curriculum; art majors fulfill the Butler Cultural Requirement because of the arts event attendance requirements for all arts majors.
- The GRE (Graduate Record Exam) is generally required for Veterinary schools.
- The student will be assigned a Pre-Health advisor in addition to their Art advisor.

Semester 1			Semester 2		
ART 105	Art History Survey 1	3	ART 205	Art History Survey 2	3
ART 107	Drawing 1	3	ART 210	Professional Practices	3
FYS 101 WB	First Year Seminar Well-Being	3 1	FYS 102	First Year Seminar	3
BI 210	Genetics: Fundamentals	4	BI 220	Cell and Mole Bio: Fund	4
CH 105*	General Chemistry 1	4	CH 106*	General Chemistry 2	4

<sup>\*</sup>Students who received a score of 4 or 5 on the AP Chemistry test should register for CH 107.

Students without AP credit should take the on-line placement test prior to enrolling in CH 105/106; an especially strong background in high school chemistry might also suggest taking CH 107.

TOTAL Credit Hours: 18 17

Semester 3			Semester 4		
ART 308	Graphic Design 1	3	ART	Art Elective	3
CH 351	Organic Chemistry 1	4	CH 352	Organic Chemistry 2	4
PH 107	Elementary Physics 1	4	MA 162/BI 250	Elem Statistics/Biostatistics	3-4
SW 250-PS	Psychological Inquiry	3	PH 108	Elementary Physics 2	4
TOTAL Credit	Hours:	14			14-15
Semester 5			Semester 6		
ART	Art Elective	3	ART	Art Elective	3

ART \_\_\_\_

Art Elective

3

GHS	Global and Historical Studies	3	TI	Texts and Ideas	3
CH 362 MA 106**	Biochemistry 1 Calculus and Anal Geo 1	3 4	BI 301 CH 462	Principles of Zoology Biochemistry 2	4
TOTAL Credit I	Hours:	16			16

<sup>\*\*</sup>Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.

Semester 7			Semester 8		
ART 453-ICR ART	Internship Art Elective	3 3	ART 411 ART	Thesis Art Elective	3
			GHS	Global and Historical Studies	3
BI 307 BI 320 BI 438 ANSC 22100	Vertebrate Anatomy Animal Behavior Microbiology Prin of Anim Nutr (online thro	4 4 4 ugh PU)	BI 411 BI 430	Principles of Physiology Animal Development	4 4
TOTAL Credit I	Hours:	18			17

## **SUMMARY**

ART 105	REQUIRED ART C	OURSES:		
ART 107	•			3
ART 205	ART 107			
ART 210       Professional Practices       3         ART 308       Graphic Design 1       3         ART 411       Thesis       3         ART 451/2/3-ICR       Internship       3         TWENTY-ONE credits chosen from the following:       21 (maximum of 9 in Art History*)         ART 207,307       Drawing 2,3       3,3         ART 304       Depiction       3         ART 305       Animation + Video       3         ART 3106       Cyanotype       3         ART 311       Function       3         ART 312*       Design: History and Theory       3         ART 314*       Art Museum Studies       3         ART 315*       Postmodernism in the Arts       3         ART 315*       Postmodernism in the Arts       3         ART 315*       Postmodernism in the Arts       3         ART 319-SID*       American Art and Visual Culture       3         ART 319-SID*       Morld History of Photography       3         ART 319-SID*       Morld History of Photography       3         ART 320-SID*       Race, Gen & Sexuality in Cont Art       3         ART 321*       Art of Arica       3         ART 380       Special Topics in Art and Visual Cult<		<u> </u>		
ART 308       Graphic Design 1       3         ART 411       Thesis       3         ART 451/2/3-ICR       Internship       3         TWENTY-ONE credits chosen from the following:       21 (maximum of 9 in Art History*)         ART 307,307       Drawing 2,3       3,3         ART 304       Depiction       3         ART 305       Animation + Video       3         ART 311       Function       3         ART 312*       Design: History and Theory       3         ART 314*       Art Museum Studies       3         ART 315*       Postmodernism in the Arts       3         ART 317-SID*       Modernism in the Arts       3         ART 319-SID*       World History of Photography       3         ART 319-SID*       World History of Photography       3         ART 320-SID*       Race, Gen & Sexuality in Cont Art       3         ART 330*       Art of Africa       3         ART 330*       Art of Africa       3         ART 380/1/2       Special Topics in Art and Visual Cult       1,2,3         ART 380/1/2       Special Topics in Art and Visual Cult       1,2,3         ART 390       Hunors Thesis       3         NW 216-ART       Science and		· · · · · · · · · · · · · · · · · · ·		
ART 411       Thesis       3         ART 451/2/3-CR       Internship       3         TWENTY-ONE credits chosen from the following:       10 (maximum of 9 in Art History*)         ART 207,307       Drawing 2,3       3,3         ART 303,313,323,423       Photography 1,2,3,4       3,3,3,3         ART 306       Depiction       3         ART 306       Cyanotype       3         ART 311       Function       3         ART 312*       Design: History and Theory       3         ART 314*       Art Museum Studies       3         ART 315*       Postmodernism in the Arts       3         ART 316*       Modernism in the Arts       3         ART 318,328       Graphic Design 2,3       3,3         ART 319-SJD*       World History of Photography       3         ART 320-SJD*       Race, Gen & Sexuality in Cont Art       3         ART 321,322,342       Painting 1,2,3       3,3,3         ART 330*       Art of Africa       3         ART 370       Studio Practicum       3         ART 380/1/2       Special Topics in Art and Visual Cult       1,2,3         ART 390       Honors Thesis       3         NW 216-ART       Science and Photography				
ART 451/2/3-ICR       Internship       3         TWENTY-ONE creedits chosen from the following:       21 (maximum of 9 in Art History*)         ART 207,307       Drawing 2,3       3,3         ART 303,313,323,423 Photography 1,2,3,4       3,3,3,3         ART 304       Depiction       3         ART 305       Animation + Video       3         ART 3106       Cyanotype       3         ART 311       Function       3         ART 312*       Design: History and Theory       3         ART 314*       Art Museum Studies       3         ART 316*       Modernism in the Arts       3         ART 319-SID*       World History of Photography       3         ART 322*World History of Photography       3         ART 322*JD*       Art of Asia       3         ART 320*SID*       Art of Africa       3         ART 370       Studio Practicum       3         ART 380       Art of Africa       3         ART 390       Studio Practicum       1,2,3         ART 401/2/3				
TWENTY-ONE credits chosen from the following:       21 (maximum of 9 in Art History*)         ART 207,307       Drawing 2,3       3,3         ART 303,313,323,423 Photography 1,2,3,4       3,3,3,3         ART 304       Depiction       3         ART 305       Animation + Video       3         ART 306       Cyanotype       3         ART 311       Function       3         ART 312*       Design: History and Theory       3         ART 314*       Art Museum Studies       3         ART 315*       Postmodernism in the Arts       3         ART 316*       Modernism in the Arts       3         ART 317-SID*       American Art and Visual Culture       3         ART 319-SID*       World History of Photography       3         ART 320-SID*       Race, Gen & Sexuality in Cont Art       3         ART 321*       Art of Asia       3         ART 330*       Art of Africa       3         ART 380*       Art of Africa       3         ART 380/1/2       Special Topics in Art and Visual Cult       1,2,3         ART 499       Honors Thesis       3         ART 499       Honors Thesis       3         ART 499       Honors Thesis       3 <td></td> <td></td> <td></td> <td></td>				
ART 207,307		•		
ART 303,313,323,423 Photography 1,2,3,4  ART 304 Depiction 3  ART 305 Animation + Video 3  ART 306 Cyanotype 3  ART 311 Function 3  ART 312* Design: History and Theory 3  ART 314* Art Museum Studies 3  ART 315* Postmodernism in the Arts 3  ART 315* Postmodernism in the Arts 3  ART 315* Modernism in the Arts 3  ART 315* Modernism in the Arts 3  ART 315* Modernism in the Arts 3  ART 315* Postmodernism in the Arts 3  ART 315* Modernism in the Arts 3  ART 315* Art of Art and Visual Culture 3  ART 319-SID* Morld History of Photography 3  ART 320-SID* Race, Gen & Sexuality in Cont Art 3  ART 320-SID* Race, Gen & Sexuality in Cont Art 3  ART 322,332,342 Painting 1,2,3 3,3,3  ART 330* Art of Africa 3  ART 330* Art of Africa 3  ART 370 Studio Practicum 3  ART 370 Studio Practicum 3  ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3  ART 401/2/3 Independent Study 1,2,3  ART 409 Honors Thesis 3  NW 216-ART Science and Photography 5  **TOTAL**  **TOTAL**  **UNIVERSITY CORE** CURRICULUM:**  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3,3  WB Well-Being 1  **TOTAL**  **TOTAL**  **COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:**  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4		_	3.3	(, ,
ART 304 Depiction 3 ART 305 Animation + Video 3 ART 306 Cyanotype 3 ART 311 Function 3 ART 312* Design: History and Theory 3 ART 314* Art Museum Studies 3 ART 315* Postmodernism in the Arts 3 ART 316* Modernism in the Arts 3 ART 317-SJD* American Art and Visual Culture 3 ART 319-SJD* World History of Photography 3 ART 319-SJD* World History of Photography 3 ART 320-SJD* Race, Gen & Sexuality in Cont Art 3 ART 321* Art of Asia 3 ART 321* Art of Africa 3 ART 330* Art of Africa 3 ART 330* Art of Africa 3 ART 370 Studio Practicum 3 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM: FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund			•	
ART 305				
ART 306		•		
ART 311 Function 3 ART 312* Design: History and Theory 3 ART 314* Art Museum Studies 3 ART 315* Postmodernism in the Arts 3 ART 316* Modernism in the Arts 3 ART 317-SJD* American Art and Visual Culture 3 ART 319-SJD* World History of Photography 3 ART 319-SJD* World History of Photography 3 ART 320-SJD* Race, Gen & Sexuality in Cont Art 3 ART 321* Art of Asia 3 ART 322,332,342 Painting 1,2,3 3,3,3 ART 330* Art of Africa 3 ART 360 Sculpture 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM: FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund				
ART 312* Design: History and Theory ART 314* Art Museum Studies 3 ART 315* Postmodernism in the Arts 3 ART 316* Modernism in the Arts 3 ART 317-SJD* American Art and Visual Culture 3 ART 318,328 Graphic Design 2,3 3,3 ART 319-SJD* World History of Photography 3 ART 320-SJD* Race, Gen & Sexuality in Cont Art 3 ART 322,332,342 Painting 1,2,3 3,3,3 ART 330* Art of Africa 3 ART 330 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography TOTAL  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar GHS Global and Historical Studies T Texts and Ideas WB Well-Being TOTAL  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund				
ART 314* Art Museum Studies 3 ART 315* Postmodernism in the Arts 3 ART 316* Modernism in the Arts 3 ART 316* Modernism in the Arts 3 ART 317-SJD* American Art and Visual Culture 3 ART 318,328 Graphic Design 2,3 3,3 ART 319-SJD* World History of Photography 3 ART 320-SJD* Race, Gen & Sexuality in Cont Art 3 ART 321* Art of Asia 3 ART 321* Art of Asia 3 ART 322,332,342 Painting 1,2,3 3,3,3 ART 330* Art of Africa 3 ART 370 Sculpture 3 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund				
ART 315* Postmodernism in the Arts  ART 316* Modernism in the Arts  ART 317-SJD* American Art and Visual Culture  ART 318,328 Graphic Design 2,3  ART 319-SJD* World History of Photography  ART 320-SJD* Race, Gen & Sexuality in Cont Art  ART 321* Art of Asia  ART 322,332,342 Painting 1,2,3  ART 330* Art of Africa  ART 360 Sculpture  ART 370 Studio Practicum  ART 380/1/2 Special Topics in Art and Visual Cult  ART 401/2/3 Independent Study  ART 499 Honors Thesis  NW 216-ART  Science and Photography  TOTAL  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar  GHS Global and Historical Studies  T Exts and Ideas  WB Well-Being  TOTAL  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals  4  BI 220 Cellular and Molecular Bio: Fund  4  ART 31  3, 3  4  4  4  4  4  4  4  4  4  4  4  4  4		- , , , , , , , , , , , , , , , , , , ,		
ART 316* Modernism in the Arts 3 ART 317-SJD* American Art and Visual Culture 3 ART 318,328 Graphic Design 2,3 3,3 ART 319-SJD* World History of Photography 3 ART 320-SJD* Race, Gen & Sexuality in Cont Art 3 ART 321* Art of Asia 3 ART 322,332,342 Painting 1,2,3 3,3,3 ART 330* Art of Africa 3 ART 360 Sculpture 3 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5  **TOTAL**  **UNIVERSITY CORE** CURRICULUM:**  FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 **TOTAL**  **COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:** BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4  **TOTAL**  **TOTAL**  **TOTAL**  **ART 318-328				
ART 317-SJD* American Art and Visual Culture  ART 318,328 Graphic Design 2,3 3,3  ART 319-SJD* World History of Photography 3  ART 320-SJD* Race, Gen & Sexuality in Cont Art 3  ART 321* Art of Asia 3  ART 322,332,342 Painting 1,2,3 3,3,3  ART 330* Art of Africa 3  ART 370 Studio Practicum 3  ART 370 Studio Practicum 3  ART 401/2/3 Independent Study 1,2,3  ART 401/2/3 Independent Study 1,2,3  ART 499 Honors Thesis 3  NW 216-ART Science and Photography 5  TOTAL 42  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4				
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ART 319-SJD* World History of Photography ART 320-SJD* Race, Gen & Sexuality in Cont Art ART 321* Art of Asia 3 ART 322,332,342 Painting 1,2,3 3,3,3 ART 330* Art of Africa 3 ART 360 Sculpture 3 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM: FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 44				
ART 320-SJD* Race, Gen & Sexuality in Cont Art  ART 321* Art of Asia 3  ART 322,332,342 Painting 1,2,3 3,3,3  ART 330* Art of Africa 3  ART 360 Sculpture 3  ART 370 Studio Practicum 3  ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3  ART 401/2/3 Independent Study 1,2,3  ART 499 Honors Thesis 3  NW 216-ART Science and Photography 5  **TOTAL**  **TOTAL**  **UNIVERSITY CORE** CURRICULUM:*  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  **TOTAL**  **TOTAL**  **COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:*  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4	•	•	-	
ART 321* Art of Asia 3  ART 322,332,342 Painting 1,2,3 3,3,3  ART 330* Art of Africa 3  ART 360 Sculpture 3  ART 370 Studio Practicum 3  ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3  ART 401/2/3 Independent Study 1,2,3  ART 499 Honors Thesis 3  NW 216-ART Science and Photography 5  **TOTAL***  **TOTAL***  **UNIVERSITY CORE** CURRICULUM:*  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  **TOTAL**  **TOTAL**  **COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:*  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4				
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ART 330* Art of Africa 3 ART 360 Sculpture 3 ART 370 Studio Practicum 3 ART 380/1/2 Special Topics in Art and Visual Cult 1,2,3 ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4				
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ART 401/2/3 Independent Study 1,2,3 ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5  **TOTAL**  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3  TI Texts and Ideas 3 WB Well-Being 1  **TOTAL**  **T			1,2,3	
ART 499 Honors Thesis 3 NW 216-ART Science and Photography 5 TOTAL 42  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3 GHS Global and Historical Studies 3,3 TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4		•		
NW 216-ART Science and Photography TOTAL  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4	• •	· · · · · · · · · · · · · · · · · · ·		
TOTAL  UNIVERSITY CORE CURRICULUM:  FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4	NW 216-ART	Science and Photography		
FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4				42
FYS 101,102 First Year Seminar 3,3  GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4				
GHS Global and Historical Studies 3,3  TI Texts and Ideas 3  WB Well-Being 1  TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4	UNIVERSITY COR	E CURRICULUM:		
TI Texts and Ideas 3 WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4	FYS 101,102	First Year Seminar		3,3
WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4	GHS	Global and Historical Studies		3,3
WB Well-Being 1 TOTAL 16  COURSES REQUIRED FOR PRE-VETERINARY MEDICINE: BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4	TI	Texts and Ideas		3
COURSES REQUIRED FOR PRE-VETERINARY MEDICINE:  BI 210 Genetics: Fundamentals 4  BI 220 Cellular and Molecular Bio: Fund 4		Well-Being		1
BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4		TOTAL		16
BI 210 Genetics: Fundamentals 4 BI 220 Cellular and Molecular Bio: Fund 4				
BI 220 Cellular and Molecular Bio: Fund 4	•			
	BI 210			4
BI 301 Principles of Zoology 4	BI 220			4
, , , , , , , , , , , , , , , , , , , ,		Principles of Zoology		•
BI 307 Vertebrate Anatomy 4		•		
BI 320 Animal Behavior 4				•
BI 411 Principles of Physiology 4		Principles of Physiology		
,	BI 430	Animal Development		4
,	BI 430	Animal Development		4

Microbiology	4		
General Chemistry 1,2	4,4		
Organic Chemistry 1	4		
Organic Chemistry 2	4		
Biochemistry 1	3		
Biochemistry 2	3		
Calculus and Analytic Geometry 1	4		
Choose ONE of the following courses: 3-4			
Biostatistics – Fundamentals (4)			
Elementary Statistics (3)			
Elementary Physics 1	4		
Elementary Physics 2	4		
Psychological Inquiry	3		
Principles of Animal Nutrition (completed online through Purdue University)			
TOTAL	72-73		
	General Chemistry 1,2 Organic Chemistry 1 Organic Chemistry 2 Biochemistry 1 Biochemistry 2 Calculus and Analytic Geometry 1 te following courses: Biostatistics – Fundamentals (4) Elementary Statistics (3) Elementary Physics 1 Elementary Physics 2 Psychological Inquiry Principles of Animal Nutrition (completed on		

<sup>\*</sup>Students who received a score of 4 or 5 on the AP Chemistry test should register for CH 107. Students without AP credit should take the on-line placement test prior to enrolling in CH 105/106; an especially strong background in high school chemistry might also suggest CH 107.

<sup>\*\*</sup>Math placement test required; the student may need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106. Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.