Pre-Veterinary Program
Honors

A minimum of six years is required to obtain the DVM degree. Two or more years of preprofessional (pre-veterinary) training must be taken followed by four years of professional study in veterinary medicine. The following curriculum will allow the students to finish preprofessional academic requirements in two years. This schedule is rigorous. A student who cannot maintain a high GPA following this schedule should choose to finish preprofessional requirements in three years.

Freshman Year

First Semester	
Bio S 103*	4
Chem 105*	4
English 198	3
Math 140*, or 171*[1]	4
	15

Second Semester	
BioS 104*	4
Chem 106*	4
English 199	3
Social Science 198	3
UH 260	2
UH 499*	1
	17

Sophomore Year

First Semester	
Chem 240 (or 340 and 341)* [3]	4 or 5
Physics 101*[4]	4 or 5
Social Science 198	3
UH 499*	1
	12-14

Second Semester	
Biochem 364*	4
Physics 102*[4]	4
GenCB 301*	4
UH 330	3
UH 499*	1
	16

* Starred courses are the Pre-Veterinary core curriculum.

[1] Math 140 and 171 fulfill the math proficiency requirement (N). Students choosing a General Biochemistry option should take Math 171.

[3] Students choosing a Biochemistry major must take Chem 340 and 341.

[4] Students choosing a General Biochemistry option should take Physics 201 and 202.

*UH 499 (3 credits) could be departmental 499.

All preprofessional academic requirements must be completed by the end of the academic year during which the application is under consideration.

Students wishing to apply to Veterinary School during the sophomore year must complete the Graduate Record Exam (GRE) General Test and have sufficient Veterinary medical exposure and/or animal experience.

Applications are due by October of the Sophomore year if prerequisites will be met by the end of the Sophomore year.

Students who are not admitted to Veterinary School with the first application are encouraged to strengthen their application by taking more Science courses. Any of the following programs would strengthen the student application. If you take two years of these courses you will receive a Bachelor of Science degree in the named major.

Zoology

Junior Year				Senior Year			
Semester 1		Semester 2		Semester 1		Semester 2	
UH 350	3	UH 440	3	Program Option Courses or		Program Option Courses	7-9
Program Option Courses or		BioS 372 [M] or Zool 330	3-4	Electives	7-8	Tier III Capstone (GER)	3
Electives	6-8	Program Option Course	3-4	Zool 350 or 353 or 352 &		Zool 350 or 353 or 352 &	
Zool 320, 322, or 324	4	Zool 320, 322, or 324	4	452 or 450 & 452	4-5	452 or 450 & 452	4-5
Zool 393 [M]	2	UH 450-456	2	Zool 405	3		14-17
UH 450-456	1		15-17		14-16		
	16-18						

Microbiology

Junior Year				Senior Year			
Semester 1		Semester 2		Semester 1		Semester 2	
UH 350	3	UH 440	3	Degree Program Electives	4	Micro 414	3
BC/BP 366	1	Micro 310	3	Micro 412	3	Micro 415 [M]	2
Chem 220	2	Micro 311	2	Micro 413 [M]	2	Micro 496	1
Chem 222	2	Micro Elective	3	Micro Elective	3	Micro Electives	6
Micro 301	4	Elective	3-4	Elective	3	Tier III Capstone (GER)	3
Elective	3-4	UH 450-456	2		15		15
UH 450-456	1		14-15				
	16-17						

Genetics and Cell Biology

Junior Year				Senior Year			
Semester 1		Semester 2		Semester 1		Semester 2	
UH 350	3	UH 440	3	GenCB 490	2	Biological Science Electives	6
GenCB 325 or 488 [M]	3	Advanced GenCB Courses	9	Laboratory Courses	6	GenCB 450	3
Stat 212 or 412 or		Electives	3-4	Electives	6	Tier III Capstone (GER)	3
Math 172	3-4	UH 450-456	2		14	Elective	3
Electives	6		17-18				15
UH 450-456	1						
	16-17						

Biochemistry (General or Molecular Biology Option)

Junior Year				Senior Year			
Semester 1		Semester 2		Semester 1		Semester 2	
UH 350	3	UH 440	3	BC/BP 463	3	BC/BP 464	3
Chem 342	3	Chem 220	3	BC/BP 495, 496 [M]		Tier III Capstone (GER)	3
Chem 343	2	Chem 222	2	or 499	3	Electives	9
BC/BP 398 [M]	1	BC/BP 472	3	Micro 464 or BC/BP 473	3		15
BC/BP 366 [M]	1	GenCB 450 or Science		Science Elective or			
Micro 301or Math 172	4	Elective	3	Electives	6		
UH 450-456	1	UH 450-456	2		15		
	15		14				

General Biology

Junior Year				Senior Year			
Semester 1		Semester 2		Semester 1		Semester 2	
UH 350	3	UH 440	3	Biology Electives	5	Biology Electives	4
Bio S 372 [M]	4	Biology Electives	5	Zool 405	3	Gen CB 450	3
Electives	8	Electives	7	Electives	7	Tier III Capstone (GER)	3
UH 450-456	1	UH 450-456	2		15	Electives	5
	16		17				15

* Students interested in farm production or large farm animals may want to consider a major in Animal Sciences. 08/00