

**CURRICULUM CHECKSHEET FOR THE
PRE-VETERINARY MEDICINE PROGRAM**

MAJOR: ANY

NAME: _____

DEPARTMENT: ANY

COLLEGE OF SCIENCE & TECHNOLOGY
GEORGIA SOUTHERN UNIVERSITY

EAGLE ID: _____

There is no major in "Pre-Veterinary Medicine." A student desiring to go to veterinary school should pursue a course of study leading to a bachelor's degree in an academic area chosen according to his/her interests and aptitudes. Pre-Veterinary Medicine academic advisors are: Drs. Bill Irby, Dana Nayduch, and Oscar Pung for Biology majors and Dr. Jeff Orvis for Chemistry majors.

Students with majors other than biology or chemistry should be advised by a pre-vet advisor in addition to the academic advisor in the chosen major. Students must be careful to complete courses required for acceptance into veterinary school as well as those courses required for their degrees.

Courses for Pre-Veterinary Medicine

As stated above, Pre-Vet is not a major, it is a program of study. The courses listed below may be included in any degree program as a part of the core requirements or as a part of the major requirements.

Biology Courses (16 - 31 Hrs)		
Course & Number	Hrs	Gr
BIOL 2107/2107L - Principles of Biology I w/ Lab (or BIOL 2131/2111 - Cellular Biology w/ Lab)	4	
BIOL 2108/2108L - Principles of Biology II w/ Lab (or BIOL 3132/3112 - Biology of Organisms w/ Lab)	4	
BIOL 3130 or 5132	4	
Elective*	4	
Additional Electives - Strongly recommended		
BIOL 3240 - Biology of Microorganisms	4	
BIOL 5142 -Molecular Biotechniques	4	
Or		
BIOL 5144 - Advanced Cell Biology		
BIOL 5132 - Eukaryotic Molecular Genetics	3	
BIOL 5241 - Comparative Vertebrate Anatomy	4	

BIOL 5230/5210 - Comp Animal Phys w/Lab	4	
---	---	--

Chemistry Courses (20 Hrs)		
Course & Number	Hrs	Gr
CHEM 1145 - Principles of Chemistry I	4	
CHEM 1146 - Principles of Chemistry II	4	
CHEM 3341 - Organic Chemistry I	4	
CHEM 3342 - Organic Chemistry II	4	
CHEM 5541 - Biochemistry I	4	

Physics and Mathematics Courses (15 - 19 Hrs)		
Course & Number	Hrs	Gr
MATH 1112 - Trigonometry	3	
MATH 1441 - Calculus I	4	
#PHYS 2211/1113 - Prins of Physics I w/ Lab	4	
#PHYS 2212/1114 - Prins of Physics II w/ Lab	4	

*Biology course at the 3000 level or above, Biology electives are strongly recommended.

#PHYS 1111/1113 & 1112/1114 - Intro to Physics I & II may be substituted.

Graduate Record Exam (GRE) Pre-Vet students must take the GRE, including the Analytical portion, and the GRE Biology subject test in the late junior or early senior year. Appropriate coursework should be selected to prepare the student for the test, especially the Biology subject test. In addition, adequate study and preparation time should be allotted before taking the exam.