

MINOR IN ZOOLOGY

entering minor _____

Name: _____

ID Number: _____

Major: _____

REQUIRED COURSES

LIFE 102 Attributes of Living Systems (4) _____

LIFE 103 Biology of Organisms (4) _____

-OR-

BZ 110 Principles of Animal Biology (3) _____

BZ 111 Principles of Animal Biology Lab (1) _____

BZ 120 Principles of Plant Biology (4) _____

-AND-

BZ 212 Animal Biology-Invertebrates (4) _____

BZ 214 Animal Biology-Vertebrates (4) _____

UPPER DIVISION ZOOLOGY REQUIREMENTS

Students must choose a minimum of 12 credits in Zoology courses from four of the following seven areas:

- 1) Animal Behavior _____
- 2) Aquatic Biology _____
- 3) Cell Biology and Physiology _____
- 4) Ecology _____
- 5) Genetics, Evolution, and Systematics _____
- 6) Invertebrate Organisms _____
- 7) Vertebrate Organisms _____

Courses approved for each category are listed on the back of this sheet.

Courses listed in more than one area can be used to satisfy only one area requirement.

<u>Animal Behavior</u>		<u>Credits</u>
BZ 300	Animal Behavior	3
BZ 433	Behavioral Genetics	4
BZ 466	Biological Basis of Animal Behavior	4
BZ 479	Biology and Behavior of Dogs	3
BZ 535	Behavioral Ecology	3
<u>Aquatic Biology</u>		
BZ 415	Marine Biology	4
BZ 471	Stream Biology and Ecology	3
BZ 472	Stream Biology and Ecology Lab	1
BZ 474	Limnology	3
<u>Cell Biology and Physiology</u>		
BMS 360	Fundamentals of Physiology	4
BZ 401	Comparative Animal Physiology	3
BZ 403	Comparative Endocrinology	3
BZ 455	Human Heredity and Birth Defects	3
BZ 466	Biological Basis of Animal Behavior	4
<u>Ecology</u>		
BZ 348	Theory of Population and Evolutionary Ecology	4
BZ 349	Tropical Ecology and Evolution	3
BZ 418	Ecology of Infectious Disease	4
BZ 425	Molecular Ecology	3
BZ 430	Animal Behavior and Conservation	4
BZ 510	Zoophysiological Ecology	3
<u>Genetics, Evolution, and Systematics</u>		
BZ 346	Population and Evolutional Genetics	3
BZ 348	Theory of Population and Evolutionary Ecology	4
BZ 350	Molecular and General Genetics	4
BZ 402	Molecular Cytogenetics	4
BZ 420	Evolutionary Medicine	3
BZ 424	Principles of Systematic Zoology	3 (cross listed with BSPM 424)
BZ 433	Behavioral Genetics	4
BZ 455	Human Heredity and Birth Defects	3
BZ 460	Genome Evolution	4
BZ 476	Genetics of Model Organisms	3
BZ 578	Genetics of Natural Populations	4 (cross listed with MIP 578)
<u>Invertebrate Organisms</u>		
BZ 462	Parasitology and Vector Biology	5 (cross listed with MIP 462 and BSPM 462)
<u>Vertebrate Organisms</u>		
BZ 329	Herpetology	3
BZ 330	Mammalogy	3
BZ 335	Ornithology	3