BIOLOGY MAJOR CHECKLIST

EFFECTIVE FALL 2007

			CR	CK
CHEM	1110/1111	GENERAL CHEMISTRY	5	
CHEM	1120/1121	GENERAL CHEMISTRY	5	
CHEM	2010/2011	ORGANIC CHEMISTRY	4	
CHEM	2020/2021	ORGANIC CHEMISTRY	4	
PHYS	2010/2011	GEN PHYSICS I NON-CALC	4	
PHYS	2020/2021	GEN PHYSICS II NON-CALC	4	
		OR		
PHYS	2110	TECH PHYS I CALC BASED	5	
PHYS	2120	TECH PHYS II CALC BASED	5	
	CORE			
BIOL	1110/1111	BIOL SCI MAJORS I	4	
BIOL	1120/1121	BIOL SCI MAJORS II	4	
BIOL	1130/1131	BIOL SCI MAJORS III	4	
BIOL	3100	GENERAL GENETICS	3	
	MOLECULAR			
BIOL	3150/3151	CELL BIOLOGY & LAB	5	
BIOL	4147/4157	BIOCHEM MACROMOLEC & LAB	5	
BIOL	4167/4177	BIOCHEM METABOLISM & LAB	5	
BIOL	4597	RECOMBINANT DNA AND	3	
BIOL	4647	MOLECULAR BIOLOGY	3	
BIOL	4747	POPULATION GENETICS*	4	
	BIODIVERSITY			
BIOL	3410	VERTEBRATE ZOOLOGY	4	
BIOL	3420	PLANT BIOLOGY	4	
BIOL	3450	ALGAE AND FUNGI	4	
BIOL	3460	INVERTEBRATE ZOOLOGY*	4	
BIOL	3480	GENERAL ENTOMOLOGY*	4	
BIOL	4047	ECOLOGICAL FIELD TRIP	3	
BIOL	4247	APPALACHIAN FLORA	3	
BIOL	4257	APPALACHIAN FAUNA	3	
BIOL	4337	PLANT SYSTEMATICS*	4	
BIOL	4450	BYROPHYTES/FERNS/SEEDS	4	
BIOL	4477	ORNITHOLOGY	4	
BIOL	4487	PALEOBOTANY	4	
HSCI	3320	GENERAL MICROBIOLOGY	4	
	ORGANISMAL			
BIOL	3240	PLANT ANATOMY	4	
BIOL	3230	VERTEBRATE EMBRYOLOGY	4	
BIOL	3260	ANIMAL PHYSIOLOGY	4	
BIOL	3320	COMPARATIVE ANATOMY	4	
BIOL	3480	GENERAL ENTOMOLOGY*	4	
BIOL	4267	PLANT DEVELOPMENT	4	
BIOL	4277	NEUROBIOLOGY	3	
BIOL	4357	ETHOLOGY*	4	
BIOL	4487	PALEOBOTANY	4	
BIOL	4767	PLANT PHYSIOLOGY	4	
	POPULATION			
BIOL	3460	INVERTEBRATE ZOOLOGY*	4	
BIOL	3550	ECOLOGY	4	
BIOL	4337	PLANT SYSTEMATICS*	4	
BIOL	4360	EVOLUTION	3	
BIOL	4357	ETHOLOGY*	3	
BIOL	4367	SYSTEMS ECOLOGY	3	
BIOL	4737	CONSERVATION BIOLOGY	4	
BIOL	4747	POPULATION GENETICS*	4	
BIOL	4867	MARINE BIOLOGY	4	

			CR	CK
MATH	1530	PROB & STATISTIC	3	
MATH	1910	CALCULUS I	4	
	OR			
MATH	1910	CALCULUS I	4	
MATH	1920	CALCULUS II	4	

WRITING INTENSIVE:(see note CK

NATIVE STUDENTS NEED 4, 2 IN MAJOR

TRANSFER STUDENTS NEED 2 IN MAJOR

PHYS	2011	PHYS I LAB	
PHYS	2021	PHYS II LAB	
BIOL	3420	PLANT BIOLOGY	
BIOL	3141	GENETICS LAB	
BIOL	4157	BIOCHEM LAB	
BIOL	4177	BIOCHEM LAB	
BIOL	4360	EVOLUTION	
HSCI	3321	GEN MICRO LAB	

ORAL INTENSIVE:

NATIVE STUDENTS NEED 2, 1 IN MAJOR

TRANSFER STUDENTS NEED 1 IN MAJOR

BIOL	3150	CELL BIO LEC	
BIOL	3420	PLANT BIOLOGY	
BIOL	4357	ETHOLOGY	
BIOL	4360	EVOLUTION	
BIOL	4767	PLANT PHYSIOLOGY	
BIOL	4737	CONSERVATION BIO	

TECHNOLOGY INTENSIVE:

NATIVE STUDENTS NEED 2, 1 IN MAJOR

TRANSFER STUDENTS NEED 1 IN MAJOR

BIOL	1131	MAJORS III LAB	
BIOL	4367	SYSTEMS ECOLOGY	
BIOL	4597	REC DNA LAB	
BIOL	4747	POPULATION GEN	

NOTES

Standard Major- 36 credit hours of biology

Standard Majors require a minor

Concentration- 50 credit hours of biology

Major requries 1 course from each menu.

** Courses listed in more than one menu can only be used to satisfy ONE menu.*

NOTE- Two Writing Intensive courses must be from 3000/4000 level-

STUDENT NAME

STUDENT ID#

CATALOG YEAR

MINOR