

Biology B.S. Curriculum

Name

Suggested Program of Study				Personalized Program		
Freshman-Semester 1 FALL				Course No.	Title	Hrs Grd
ASU	1201	Foundations of College Success	2			
ENGL	1101	English Composition I	3			
BIOL	2111/L	Biology I/Lab	4			
MATH	1113	Pre-Calculus*	3			
HIST	1002	Introduction to African Diaspora	2			
<b>Total</b>			<b>14</b>	<b>Semester GPA</b>		
Freshman-Semester 2 SPRING				Semester 2		
ENGL	1102	English Composition II	3			
BIOL	2112/L	Biology II/Lab	4			
CHEM	1211/L	General Chemistry I/Lab	4			
MATH	1113	Pre-Calculus or Area E elective	3			
BIOL	1801	Science Career Exploration (biology elective)	1			
PEDH choice	100X	Physical Education choices 1001-10	1			
<b>Total</b>			<b>16</b>	<b>Semester GPA</b>		
Freshman-Summer*				Semester 3		
CHEM	1212/L	General Chemistry II/Lab	4			
<i>*If CHEM 1212 is not completed in the summer, this will add an additional semester to your graduation</i>						
<b>Total</b>			<b>4</b>	<b>Semester GPA</b>		
Sophomore-Semester 3 FALL				Semester 3		
BIOL	2311/L	Botany I/Lab	4			
MATH	1211	Calculus I	4			
CHEM	2301/L	Organic Chemistry I/Lab	4			
PHYS	2100	Computer Applications	3			
PEDH choice	100X	Physical Education choices 1001-10	1			
<b>Total</b>			<b>16</b>	<b>Semester GPA</b>		
Sophomore-Semester 4 SPRING				Semester 4		
BIOL	3333K	Microbiology and Applications	4			
CHEM	2302/L	Organic Chemistry II/L	4			
ENGL	2111	World Literature	3			
POLS	1101	U.S. & GA Government	3			
PEDH Choic	100X	Physical Education Choices 1001-10	1			
<b>Total</b>			<b>15</b>	<b>Semester GPA</b>		
Junior-Semester 5 FALL				Semester 5		
PHYS	1111/L	Introductory Physics I/L	4			
BIOL	3501K	Principles of Genetics	4			
CHEM	3250K	Biochemistry	4			
COMM	1100	Fundamentals of Public Speaking	3			
<b>Total</b>			<b>15</b>	<b>Semester GPA</b>		
Junior-Semester 6 SPRING				Semester 6		
Area C elective		Fine Arts/Humanity Electives	3			
PHYS	1112/L	Introductory Physics II/L	4			
BIOL	3101K	Environmental Biology	4			
HIST	1111	World History I (or other history elective)	3			
BIOL elective		See BIOLOGY ELECTIVES	3			
<b>Total</b>			<b>17</b>	<b>Semester GPA</b>		
Senior-Semester 7 FALL				Semester 7		
Area E		Social Science Electives	3			
SPAN,FREN, or GERM	1101	Spanish I or French I or German I	3			
BIOL	4001	Research & Independent Study I	1			
BIOL	4701	Cell and Molecular Biology	4			
BIOL elective		See BIOLOGY ELECTIVES	6			
<b>Total</b>			<b>17</b>	<b>Semester GPA</b>		
Senior-Semester 8 SPRING				Semester 8		
SPAN,FREN, or GERM	1102	Part II of the same language last taken: Spanish II (or French II or German II)	3			
BIOL	4222	Biology-Senior Research	3			
XXXX		Non Science Elective	3			
BIOL electives		See BIOLOGY ELECTIVES	3			
Area E		See Social Science Electives	3			
<b>Total</b>			<b>15</b>	<b>Semester GPA</b>		
last update:6/23/13			<b>125</b>	email:		

**PEDH / HEDP**  
Physical Education  
Options (Choose 3):

HEDP 1001  
PEDH1001  
PEDH1002  
PEDH1003  
PEDH1004  
PEDH 1005  
PEDH 1006  
PEDH 1007  
PEDH 1008  
PEDH 1010

**Area C Options:**  
FineArts/Humanity  
ARAP 1101 (3)  
MUSC 1100 (3)  
ENGL 2112 (3)

**Area E Options:**  
(9 hrs)  
**Social Science**

**One History and others**  
in 1000 or 2000 level  
History, Psychology,  
Sociology, or

**BIOLOGY ELECTIVES**

BIOL 1801 (1) Career Exp.  
BIOL2250 Res. cond. Res.  
BIOL 2312 (4) Botany II  
BIOL 2320K (4) Lab Res. Tech.  
BIOL2702 940 Fund. of Biotech.  
BIOL 2801 (2) Test taking skills  
BIOL 3201K (4)  
BIOL 3309 (4)  
BIOL 3311K (3) Natural Res.  
BIOL3312 (3) Plan...Nat. Res.  
BIOL3313 (3) Nat. Res. Env. Pol  
BIOL3314 (3) Use. Ener. Res.  
BIOL3315 (3) Con. of Energy. Res.  
BIOL 3316K (3) Source ...Plant  
BIOL 3401K (4) Histology  
BIOL 3611K (4) Mycology  
BIOL3701 (4) Cur. Issues...Biotech  
BIOL 3901 (3) Pathophys.  
BIOL 4201 K(4) Parasitology  
BIOL 4301 K(4) Develop. Biol  
BIOL 4501 K(4) Immunology  
BIOL 4601 K (4) Plant Phys.

**Non-Science Electives**

MATH 2411  
or  
Advisor recommendation