## Biology, B.A.

& BIOL 1105         and General Biology Laboratory I           CHEM 1311         Gen Inorganic Chemistry I           & CHEM 11301         Rhetoric and Composition           LBIST 1301         American History to 1877           3         JUNIV 1201           Learning in Global Context         2           Semester Credit Hours         6           BIOL 1307         General Biology II           & BIOL 1307         and General Biology II           & CHEM 1112         and General Biology Laboratory II           LHEM 1312         Gen Inorganic Chemistry II           & CHEM 1112         and General Biology Laboratory II           LHEM 1312         Agenic and Composition           & CHEM 1112         and General Biology Laboratory II           LHEM 1310         A Rhetoric and Composition           SIDCI 1302         Rhetoric and Composition           A CHEM 1112         and Gen Inorganic Chemistry II           & CHEM 1112         and General Biology Laboratory II           Social/Behavioral         3           Social/Selbavioral         3           Social/Selbavioral         4           Social/Selbavioral         4           Social/Selbavioral         5           Social/Selbavioral         5	Course	Title	Semester Credit Hours	
BIOL 1306   General Biology   A BIOL 1706   And General Biology Laboratory   CHEM 1311   Gen Inorganic Chemistry   A BIOL 1706   And General Biology Laboratory   CHEM 1311   And Gen Inorganic Chemistry   A BIOL 1310   Rhetoric and Composition   3 A BIOL 1301   Rhetoric and Composition   3 A BIOL 1301   Rhetoric and Composition   3 A BIOL 1301   American History to 1877   3 AUNIV 1201   Learning in Global Context   2 BIOL 1307   General Biology I BIOL 1307   General Biology I BIOL 1307   General Biology Laboratory   I CHEM 1312   Gen Inorganic Chemistry   I A BIOL 1107   And General Biology Laboratory   I BIOL 1302   Rhetoric and Composition   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL 1302   Rhetoric and Politics of US   3 A BIOL	Freshman Year			
& BIOL 1106         and General Biology Laboratory I           CHEM 1311         Gen Inorganic Chemistry I         a           & OHEM 1111         and Gen Inorganic Chemistry I         a           ENGL 1301         Rhetoric and Composition         3           LINST 1304         American History to 1877         3           UNIV 1201         Learning in Global Context         2           Semester 2         BIOL 1307         General Biology II         4           BIOL 1307         General Biology II         4           CHEM 1312         Gen Inorganic Chemistry II         4           A CHEM 1112         and General Biology and Chemistry II         4           CHEM 1312         Gen Inorganic Chemistry II         4           A CHEM 1112         and General Biology and Chemistry II         4           CHEM 1312         American History since 1877         3           Social/Behavioral         7         3           Social/Behavioral         7         3           Somester Credit Hours         1         4           Somester Semester I         8         3           BIOL 2421         Elementary Microbiology         4           MATH 1366         Tigonometry         3           Somes	Semester 1			
& CHEM 1111         and Gen Inorganic Chem Lab I           ENGL 1301         Rhetoric and Composition         3           HIST 1301         American History to 1877         3           UNIV 1201         Learning in Global Context         2           Semester Cedit Hours         16           Semester 2           BIOL 1307         General Biology II         4           & BIOL 1107         and General Biology Laboratory II         4           CHEM 1312         Gen Inorganic Chemistry II         4           & CHEM 1112         and Gen Inorganic Chemistry II         3           & CHEM 1112         and Gen Inorganic Semistry II         3           & CHEM 1112         and Gen Inorganic Chemistry II         3           SIND 1302         American History since 1877         3           Sophomore Year         3         3           Semester Semester 1         17         3           BIOL 2421         Elementary Microbiology         4         4           MATH 1316         Trigonometry         3         3           Foreign language         3         6         5           POLS 2302         Government and Politics of TX         3         3           Creative art			4	
HIST 1301			4	
UNIV 1201         Learning in Global Context         2           Semester 2         Semester Wester Semester Semeste	ENGL 1301	Rhetoric and Composition	3	
Semester Credit Hours   16	HIST 1301	American History to 1877	3	
Semester 2         BIOL 1,007         General Biology II         4           & BIOL 1,007         General Biology Laboratory II         4           CHEM 1312         Gen Inorganic Chemistry II         4           & CHEM 1112         and Gen Inorganic Chem Lab II         4           KINGL 1,302         Rhebrica and Composition         3           BIOS 1,302         American History since 1877         3           Social/Personal         5         3           Semester Credit Hours         7           Semester 1           Semester 1           Semester 2           Semester 3           Semester 3         3           Semester 4         7         3           Semester Credit Hours         16         3           Semester 2         5         3         3           Semester 3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3	UNIV 1201	Learning in Global Context	2	
BIOL 1307         General Biology II         4           & BIOL 1107         and General Biology Laboratory II         4           CHEM 1312         Gen Inorganic Chemistry II         4           & CHEM 1312         and Gen Inorganic Chem Lab II         3           ENGL 1302         Aftericia and Composition         3           Social/Behavioral         3           Social/Behavioral         7           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonomety         3           POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         Government and Politics of TX         3           Semester 2         3           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         4           BIOL 3402         Genetics           Semester Credit Hours         1           Semester 1         4           BIOL 3402         Genetics           Semester 3         4           SCHEM 3123		Semester Credit Hours	16	
& BIOL 1107         and General Biology Laboratory II           CHEM 1312         Gen Inorganic Chemistry II           & CHEM 1112         and Gen Inorganic Chem Lab II           ENGL 1302         Rhetoric and Composition         3           HIST 1302         American History since 1877         3           Social/Behavioral         To Semester Credit Hours         17           Somester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3         3           Foreign language         5         16           Semester 2         Semester Credit Hours         16           POLS 2302         Government and Politics of TX         3           Communications         3         3           Creative arts         3         3           Foreign language         4         3           Semester 1         3         3           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         A Genetics         4           BIOL	Semester 2			
CHEM 1312 & Gen Inorganic Chemistry II and Gen Inorganic Chem Lab II I         4 CHEM 1112 and Gen Inorganic Chem Lab II I           ENGL 1302         Rhetoric and Composition         3           SISCIAL Selbaryoiral         3           Semester Credit Hours         17           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           ALang/Phil/Culture         3           Foreign language         3           Semester Credit Hours         3           Semester Semester Credit Hours         3           Semester Credit Hours         4           BIOL 3402         Genetics         4           BIOL 3402         Genetics         4           Semester Credit Hours         3 <td colspa<="" td=""><td></td><td></td><td>4</td></td>	<td></td> <td></td> <td>4</td>			4
& CHEM 1112         and Gen Inorganic Chem Lab II           ENGL 1302         Rhetoric and Composition         3           INST 1302         American History since 1877         3           Social/Behavioral         3           Semester Credit Hours         17           Sophomore Year           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3         3           Foreign language         5         6           Semester Credit Hours         13           Semester Credit Hours         3           Communications         3           Credit Hours         3           Semester Credit Hours         13           Semester Credit Hours         12           Junior Year           Semester Credit Hours         4           BIOL 3402         Genetics         4           BIOL 3402         Genetics         4           BIOL 3403         Agraine Chemistry Lab I				
ENGL 1302         Rhetoric and Composition         3           HIST 1302         American History since 1877         3           Social/Behavioral         5emester Credit Hours         17           Sophomore Year           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         3           Semester 2         9           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         12           Junior Year         18           Semester Credit Hours         12           Junior Year         18           Semester 1         19           BIOL 3402         Genetics         4           BIOL 3402         Genetics         4           BIOL 3402         Genetics         4           CHEM 3123         and Organic Chemistry Lab I         5           Foreign language         5emester Credit Hours <td></td> <td></td> <td>4</td>			4	
HIST 1302         American History since 1877         3           Social/Behavioral         Semester Credit Hours         17           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           POLS 2301         Government and Politics of US         3           LangyPhill Culture         3           Semester Credit Hours         16           Semester Credit Hours         16           Semester Semester Credit Hours         3           Creative arts         3           Semester Credit Hours         3           Semester Credit Hours         3           Semester Credit Hours         12           Junior Year           Semester Credit Hours         12           Semester Credit Hours         12           Semester Credit Hours         4           BIOL 3407         Ecology         4           Chemistry Lab I           Foreign language         5           A CHEM 3123         and Organic Chemistry Lab I <th colspan<="" td=""><td></td><td>-</td><td>3</td></th>	<td></td> <td>-</td> <td>3</td>		-	3
Scial/Behavioral         Semester Credit Hours         17           Sephomore Year           Semester 1           BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         16           Semester Credit Hours         16           Semester 2           POLS 2302         Government and Politics of TX         3           Creative arts         3           Foreign language         3           Creative arts         3           Foreign language         3           Semester Credit Hours         13           Semester Credit Hours         12           Junior Year           Semester Credit Hours         4           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry Lab I         4           Foreign language         3         5           Foreign language         3				
Semester Credit Hours         17           Semester 1           Boll Cat 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           BOLS 2301         Government and Politics of US         3           Semester Credit Hours         3           Semester Credit Hours         16           Semester 2           POLS 2302         Government and Politics of TX         3           Creative arts         3           Creative arts         3           Semester Credit Hours         3           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3403         Organic Chemistry I         4           A Credit Hours         3           Semester Credit Hours         3		,		
Semester 1         BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           SOLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         3           Semester Cedit Hours         16           Semester 2           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         13           Semester Credit Hours         12           Junior Year         12           Semester Credit Hours         12           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry Lab I         4           CHEM 3123         and Organic Chemistry Lab I         3           Foreign language         3         4           Semester 2         3         5           BIOL 3301         Evolutionary Theory         3           Semester 1         3         5           Semester 2         3         3      <		Semester Credit Hours		
Semester 1         BIOL 2421         Elementary Microbiology         4           MATH 1316         Trigonometry         3           SOLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         3           Semester Cedit Hours         16           Semester 2           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         13           Semester Credit Hours         12           Junior Year         12           Semester Credit Hours         12           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry Lab I         4           CHEM 3123         and Organic Chemistry Lab I         3           Foreign language         3         4           Semester 2         3         5           BIOL 3301         Evolutionary Theory         3           Semester 1         3         5           Semester 2         3         3      <	Sophomore Year			
MATH 1316       Trigonometry       3         POLS 2301       Government and Politics of US       3         Lang/Phil/Culture       3         Foreign language       3         Semester Credit Hours       16         Semester 2         POLS 2302       Government and Politics of TX       3         Communications       3         Creative arts       3         Foreign language       3         Semester Credit Hours       12         Junior Year         Semester 1         BIOL 3402       Genetics       4         BIOL 3407       Ecology       4         4 CHEM 3323       Organic Chemistry Lab I       4         4 CHEM 3123       and Organic Chemistry Lab I       5         Foreign language       3         Semester Credit Hours       15         Semester 2         BIOL 3301       Evolutionary Theory       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4311       Animal Physiology	•			
POLS 2301         Government and Politics of US         3           Lang/Phil/Culture         3           Foreign language         3           Semester Credit Hours         16           Semester 2           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         3           Semester Credit Hours         12           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         and Organic Chemistry Lab I         4           Foreign language         3           Semester Credit Hours         15           Semester Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology	BIOL 2421	Elementary Microbiology	4	
Lang/Phil/Culture         3           Foreign language         3           Semester Credit Hours         16           Semester Support of TX         3           Communications         3           Creative arts         3           Foreign language         3           Semester Credit Hours         12           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         and Organic Chemistry Lab I         4           Foreign language         3           Semester Credit Hours         15           Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology	MATH 1316	Trigonometry	3	
Semester Credit Hours         16           Semester 2         POLS 2302         Government and Politics of TX         3           Communications         3         3           Creative arts         3         3           Foreign language         3         3           Junior Year         5         12           Semester 1         8         12           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         and Organic Chemistry Lab I         4           Foreign language         3           Semester Credit Hours         15           Semester 2         5           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411         4	POLS 2301	Government and Politics of US	3	
Semester Credit Hours         16           POLS 2302         Government and Politics of TX         3           Communications         3           Credit earts         3           Foreign language         Semester Credit Hours         12           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3123         Organic Chemistry I         4           CHEM 3123         Organic Chemistry Lab I         5           Foreign language         5         Semester 2           BIOL 3301         Evolutionary Theory         3           Semester Credit Hours         15           Semester 2           BIOL 3408         A Juniary Physiology           BIOL 3408         A Juniary Physiology           BIOL 3408         A Juniary Physiology           BIOL 3408 <th c<="" td=""><td>Lang/Phil/Culture</td><td></td><td>3</td></th>	<td>Lang/Phil/Culture</td> <td></td> <td>3</td>	Lang/Phil/Culture		3
Semester 2           POLS 2302         Government and Politics of TX         3           Communications         3           Creative arts         3           Foreign language         3           Semester Credit Hours         12           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         organic Chemistry Lab I         5           Foreign language         3           Semester Credit Hours         15           Semester Credit Hours         15           Semester Credit Hours         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411         4	Foreign language		3	
POLS 2302       Government and Politics of TX       3         Communications       3         Creative arts       3         Foreign language       3         Semester Credit Hours       12         Junior Year         Semester 1         BIOL 3402       Genetics       4         BIOL 3407       Ecology       4         CHEM 3323       Organic Chemistry I       4         & CHEM 3123       and Organic Chemistry Lab I       4         Foreign language       3         Semester Credit Hours       15         Semester Credit Hours       15         Semester Credit Hours       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4411       4		Semester Credit Hours	16	
Communications       3         Creative arts       3         Foreign language       3         Semester Credit Hours       12         Junior Year         Semester 1         BIOL 3402       Genetics       4         BIOL 3407       Ecology       4         CHEM 3323       Organic Chemistry I       4         & CHEM 3123       and Organic Chemistry Lab I       4         Foreign language       3         Semester Credit Hours       15         Semester 2         BIOL 3301       Evolutionary Theory       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4411       4	Semester 2			
Creative arts       3         Foreign language       3         Junior Year         Semester 1         BIOL 3402       Genetics       4         BIOL 3407       Ecology       4         CHEM 3323       Organic Chemistry I       4         & CHEM 3123       and Organic Chemistry Lab I       3         Foreign language       3         Semester Credit Hours       15         Semester 2         BIOL 3301       Evolutionary Theory       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4411       4	POLS 2302	Government and Politics of TX	3	
Foreign language         3           Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           CHEM 3123         Organic Chemistry Lab I           Foreign language         3           Semester Credit Hours         15           Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411         Animal Physiology	Communications		3	
Semester Credit Hours   12	Creative arts			
Junior Year           Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         and Organic Chemistry Lab I         5           Foreign language         3           Semester Credit Hours         15           Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411         4	Foreign language			
Semester 1           BIOL 3402         Genetics         4           BIOL 3407         Ecology         4           CHEM 3323         Organic Chemistry I         4           & CHEM 3123         and Organic Chemistry Lab I         5           Foreign language         3           Semester Credit Hours         15           Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411         BIOL 4411		Semester Credit Hours	12	
BIOL 3402       Genetics       4         BIOL 3407       Ecology       4         CHEM 3323       Organic Chemistry I       4         & CHEM 3123       and Organic Chemistry Lab I       3         Semester Credit Hours       3         Semester 2         BIOL 3301       Evolutionary Theory       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4411       4				
BIOL 3407       Ecology       4         CHEM 3323       Organic Chemistry I       4         & CHEM 3123       and Organic Chemistry Lab I       3         Semester Credit Hours       3         Semester 2         BIOL 3301       Evolutionary Theory       3         Select one of the following:       4         BIOL 3408       Animal Physiology         BIOL 4411       4		0 "		
CHEM 3323 Organic Chemistry I 4 8 CHEM 3123 and Organic Chemistry Lab I  Foreign language 3  Semester Credit Hours 15  Semester 2  BIOL 3301 Evolutionary Theory 3  Select one of the following: 4  BIOL 3408 Animal Physiology  BIOL 4411				
& CHEM 3123 and Organic Chemistry Lab I  Foreign language 3  Semester Credit Hours 15  Semester 2  BIOL 3301 Evolutionary Theory 3  Select one of the following: 4  BIOL 3408 Animal Physiology  BIOL 4411				
Foreign language  Semester Credit Hours  Semester 2  BIOL 3301 Evolutionary Theory 3  Select one of the following: BIOL 3408 Animal Physiology BIOL 4411			4	
Semester Credit Hours 15 Semester 2 BIOL 3301 Evolutionary Theory 3 Select one of the following: 4 BIOL 3408 Animal Physiology BIOL 4411		and Organic Onormony Lab i	3	
Semester 2           BIOL 3301         Evolutionary Theory         3           Select one of the following:         4           BIOL 3408         Animal Physiology           BIOL 4411	- oronger tanguage	Semester Credit Hours		
BIOL 3301 Evolutionary Theory 3 Select one of the following: 4 BIOL 3408 Animal Physiology BIOL 4411	Semester 2			
Select one of the following:  BIOL 3408 Animal Physiology  BIOL 4411		Evolutionary Theory	3	
BIOL 3408 Animal Physiology BIOL 4411		· · ·	4	
BIOL 4411	-	Animal Physiology		
BIOL 4426 Cellular Physiology	BIOL 4411			
	BIOL 4426	Cellular Physiology		

## 2 Biology, B.A.

CHEM 3325	Organic Chemistry II	4
& CHEM 3125	and Organic Chemistry Lab II	
Foreign language		3
	Semester Credit Hours	14
Senior Year		
Semester 1		
BIOL 4102	Seminar WI	1
BIOL, adv.		7
Electives, adv.		3
Electives		4
	Semester Credit Hours	15
Semester 2		
BIOL, adv.		4
Elective, adv.		7
Electives		4
	Semester Credit Hours	15
	Total Credit Hours Required:	120