BA Biochemistry Progression
Begin with MATH 0100 or 1101

	Fall		Interim		Spring		Hours earned	
Freshman year	**Course prefix/number**	**hours**	**course**	**hours**	**Course prefix/number**	**hours**	**Total hrs earned for academic year***	
	The math that you test into-- **MATH 0100 or 1101.**	3	INTM course **required**	3	MATH1101 (if started in MATH0100) or MATH1221 (if started in MATH1101)	3-4	Min 28	Max 34
	CORE 1101 (PG3)	3			CORE 1102 (PG3); pre-req CORE 1101	1		
	ENGL 1101 (PG1)	3			ENGL 1102 (PG1); pre-req ENGL 1101	3		
	OPTIONS (choose from below with advisor)				*OPTIONS (choose from below with advisor)*			
	Ethos course of choice if desired (PG1, PG2, PG3; choose 1 or more course	3			Ethos course of choice if desired (PG1, PG2, PG3); choose 2 or more courses.	9-Jun		
	between 12-15 hs		**hr**	**3**	**between 13-16 hr**			
	Consult advisor regarding number of hours to take first semester.							

	Fall		Interim		Spring		Hours earned	
Sophomore year	**Course prefix/number**	**hours**	**course**	**hours**	**Course prefix/number**	**hours**	**Total hrs earned**	
	MATH1221 (Pre-Calculus, if not already taken); pre-req MATH1101	4	INTM course	3	CHEM1102/1102L (Gen. Chem.II&Lab) ; pre-req CHEM1101	4	Min 27	Max 35
	CHEM1101/1101L (Gen. Chem.I &Lab); pre-req MATH1101	4			*OPTIONS (choose from below with advisor)*	4		
	OPTIONS (choose from below with advisor)				PHYS1102 (Intro. Physics II&L); pre-req PHYS1101	4		
	PHYS1101/1101L (Intro. Physics I&Lab); pre-req MATH1221	4			Ethos course of choice from PG1 (if not complete), PG2, PG3; choose 1 or more courses.	3		
	Ethos course of choice from PG1 (if not complete), PG2, PG3; choose 1 or more courses.	3			Course for Minor or Prof. School Requirements.	3-4		
	Course for Minor or Prof. School Requirements.	3-4						
	between 12-16 hr		**hr**	**3**	**between 12-16 hr**			

	Fall		Interim		Spring		Hours earned	
Junior year	**Course prefix/number**	**hours**	**course**	**hours**	**Course prefix/number**	**hours**	Min 27	Max 35
	CHEM3201/33201L (Organic Chem.I &Lab); pre-req CHEM1102	4	INTM course	3	CHEM3202/3302L (Organic Chem.II&Lab) ; pre-req CHEM3301	4		
	PHYS1101/1101L (Intro. Physics I&Lab required Odd Years if not already taken); pre-req MATH1221	4			CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201	3		
	OPTIONS (choose from below with advisor)				CHEM3371 (Jr. Seminar)	1		
	Upper Level Elective	3-4			PHYS1102 (Intro. Physics II&L); pre-req PHYS1101	4		
	Ethos course of choice from PG2, PG3; choose 1 or more courses.	3			*OPTIONS (choose from below with advisor)*			
	Course for Minor or Prof. School Requirements.	3-4			Ethos course of choice from PG2, PG3; choose 1 or more courses.	3		
					Course for Minor or Prof. School Requirements.	3-4		
	between 12-16 hr		**hr**	**3**	**between 12-16 hr**			

	Fall		Interim		Spring		Hours earned	
Senior year	**Course prefix/number**	**hours**	**course**	**hours**	**Course prefix/number**	**hours**	Min 25	Max 37
	CHEM4421 (Biochemistry I & Lab); pre-req CHEM3302	4			CHEM4422 (Biochemistry II and Lab); pre-req CHEM4421	4		
	PHYS1101/1101L (Intro. Physics I&Lab, if not already taken); pre-req MATH1221	4			CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201	3		
	OPTIONS (choose from below with advisor)				PHYS1102 (Intro. Physics II&L, if not already taken); pre-req PHYS1101	4		
	Ethos course of choice from PG2, PG3; choose 1 or more courses.	3-6			CHEM4471 (Sr. Seminar)	2		
	Course for Minor or Prof. School Requirements; choose 1 or more courses	3-4			*OPTIONS (choose from below with advisor)*			
					Ethos course of choice from PG2, PG3; choose 1 or more courses.	3-6		
					Course for Minor or Prof. School Requirements; choose 1 or more courses	3-4		
	between 13-17 hr		**hr**	**0-3**	**between 12-17 hr**		**120**	**minimum**

-During fall, interim, and spring semesters of each academic year, a student must earn on average 30 credit hours per year to graduate with the required 120 credit hours in 4 years.
-Course options are listed in order of priority for the given year. These courses are required, but flexibility exists as to when to take the take courses listed as options.
-For a list of Ethos courses and requirements, see Ethos in the bulletin; PG# corresponds to the course categories in Ethos.
-We strongly recommend that BA Biochemistry majors complete BIOL1107-1108 prior to taking Biochemistry I (CHEM4421).