

**BA Biochemistry Progression**  
Beginning with **MATH 1221** or higher

Freshman year	Fall		Interim		Spring		Hours earned	
	Course prefix/number	hours	course	hours	Course prefix/number	hours	Min	Max
	CHEM1101/1101L (PG2; Gen. Chem. I & Lab) Pre-req MATH1101 or placement into Math1221	4	INTM course required	3	CHEM1102/1102L (PG2); (Gen. Chem. II & Lab); pre-req CHEM1101/1101L	4	Min 29	Max 34
	The math that you test into-- MATH 1221 or MATH 2221 (PG1)	4			MATH2221 if needed for professional school or Ethos course of choice (PG1, PG2, PG3)	3-4		
	CORE 1101 (PG3)	3			CORE 1102 (PG3); pre-req CORE 1101	1		
	ENGL 1101 (PG1)	3			ENGL 1102 (PG1); pre-req ENGL 1101	3		
	<i>OPTIONS (choose from below with advisor)</i>				<i>OPTIONS (choose from below with advisor)</i>			
	Ethos course of choice if desired (PG1, PG2, PG3)	3			Ethos course of choice (PG1, PG2, PG3)	3		
	<b>between 14-17 hr</b>		<b>hr 3</b>		<b>between 12-14 hr</b>			
	Consult advisor regarding number of hours to take first semester.							
Sophomore year	Fall		Interim		Spring		Hours earned	
	CHEM3201/33201L (Organic Chem. I & Lab); pre-req CHEM1102	4	INTM course	3	CHEM3202/3302L (Organic Chem. II&Lab); pre-req CHEM3301	4	Min 28	Max 32
	<i>OPTIONS (choose from below with advisor)</i>				<i>OPTIONS (choose from below with advisor)</i>			
	PHYS1101/1101L (Intro. Physics I&Lab); pre-req MATH1221	4			PHYS1102 (Intro. Physics II&L); pre-req PHYS1101	4		
	Ethos course of choice from PG1 (if not complete), PG2, PG3; choose 1 or more courses.	3-6			Ethos course of choice from PG1 (if not complete), PG2, PG3; choose 1 or more courses.	3-6		
	Course for Minor or Prof. School Requirements.	3-4			Course for Minor or Prof. School Requirements.	3		
	<b>between 12-15 hr</b>		<b>hr 3</b>		<b>between 13-14 hr</b>			
Junior year	Fall		Interim		Spring		Hours earned	
	CHEM421 (Biochemistry I and Lab); pre-req CHEM3302	4			CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201	3	Min 27	Max 34
	<i>OPTIONS (choose from below with advisor)</i>				<i>OPTIONS (choose from below with advisor)</i>			
	PHYS1101/1101L (Intro. Physics I&Lab, Required odd years if not already taken); pre-req MATH1221	4			PHYS1102 (Intro. Physics II&L, Required Even years if not already taken); pre-req PHYS1101	4		
	Ethos course of choice from PG2, PG3; choose 1 or more courses.	3			CHEM3371 (Jr. Seminar)	1		
	Course for Minor or Prof. School Requirements.	3-4			CHEM4422 (Biochemistry II and Lab); pre-req CHEM4421	4		
	<b>between 12-17 hr</b>		<b>hr 3</b>		<b>between 12-14 hr</b>			
Senior year	Fall		Interim		Spring		Hours earned	
	CHEM4421 (Biochemistry I and Lab, if not already taken); pre-req CHEM3302	4			CHEM4471 (Sr. Seminar)	2	Min 25	Max 34
	<i>OPTIONS (choose from below with advisor)</i>				<i>OPTIONS (choose from below with advisor)</i>			
	PHYS1101/1101L (Intro. Physics I&Lab, if not already taken); pre-req MATH1221	4			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.	3-9			CHEM4422 (Biochemistry II and Lab, if not already taken); pre-req CHEM4421	4		
	Course for Minor or Prof. School Requirements.	3-4			CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201	3		
	<b>between 12-15 hr</b>		<b>between 0-3 hr</b>		<b>between 13-16 hr</b>			
							<b>120</b>	<b>minimum hours to graduate</b>

-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.