

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 CORE 1101 (PG3) 3 ENGL 1101 (PG1) 3 <i>OPTIONS (choose from below with advisor)</i> Ethos course of choice if desired (PG1, PG2, PG3; choose 1 or more course) 3 between 12-15 hrs Consult advisor regarding number of hours to take first semester.	INTM course required 3 hr 3	MATH1101 (if started in MATH0100) or MATH1221 (if started in MATH1101) 3-4 CORE 1102 (PG3); pre-req CORE 1101 1 ENGL 1102 (PG1); pre-req ENGL 1101 3 <i>OPTIONS (choose from below with advisor)</i> Ethos course of choice if desired (PG1, PG2, PG3); choose 2 or more courses. 9-Jun between 13-16 hr	Min 28 Max 34
Sophomore year	Course prefix/number hours	course hours	Course prefix/number hours	Hours earned Total hrs earned
	MATH1221 (Pre-Calculus, if not already taken); pre-req MATH1101 4 CHEM1101/1101L (Gen. Chem.I & Lab); pre-req MATH1101 4 <i>OPTIONS (choose from below with advisor)</i> 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 Course for Minor or Prof. School Requirements. 3-4 between 12-16 hr	INTM course 3 hr 3	CHEM1102/1102L (Gen. Chem.II&Lab); pre-req CHEM1101 4 <i>OPTIONS (choose from below with advisor)</i> 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 Course for Minor or Prof. School Requirements. 3-4 between 12-16 hr	Min 27 Max 35
Junior year	Course prefix/number hours	course hours	Course prefix/number hours	Hours earned Min 27 Max 35
	CHEM3201/33201L (Organic Chem.I & Lab); pre-req CHEM1102 4 PHYS1101/1101L (Intro. Physics I&Lab required Odd Years if not already taken); pre-req MATH1221 4 <i>OPTIONS (choose from below with advisor)</i> Upper Level Elective 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	INTM course 3 hr 3	CHEM3202/3302L (Organic Chem.II&Lab); pre-req CHEM3301 4 CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201 3 CHEM3371 (Jr. Seminar) 1 PHYS1102 (Intro. Physics II&L); pre-req PHYS1101 4 <i>OPTIONS (choose from below with advisor)</i> 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	
Senior year	Course prefix/number hours	course hours	Course prefix/number hours	Hours earned Min 25 Max 37
	CHEM4421 (Biochemistry I & Lab); pre-req CHEM3302 4 PHYS1101/1101L (Intro. Physics I&Lab, if not already taken); pre-req MATH1221 4 <i>OPTIONS (choose from below with advisor)</i> 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	CHEM4422 (Biochemistry II and Lab); pre-req CHEM4421 4 CHEM3311 (El. Of Physical Chem. Required Even Years); pre-req PHYS1101 and CHEM3201 3 PHYS1102 (Intro. Physics II&L, if not already taken); pre-req PHYS1101 4 CHEM4471 (Sr. Seminar) 2 <i>OPTIONS (choose from below with advisor)</i> 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 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).