

BS Biochemistry Progression
Begin with MATH 0100 or 1101

	Fall	Interim	Spring	Hours earned
Freshman year	Course prefix/number hours 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.	course hours INTM course required 3 hr 3	Course prefix/number hours 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. 6 between 13-14 hr	Total hrs earned for academic year* Min 28 Max 32
Sophomore year	Course prefix/number hours MATH1221 (Pre-Calculus, if not already taken); pre-req MATH1101 4 CHEM1101/1101L (Gen. Chem. I & Lab); pre-req MATH1101 4 BIOL1107/1107L (Prin. Biology) pre-req MATH1101 4 <i>OPTIONS (choose from below with advisor)</i> PHYS1101/1101L (Intro. Physics I & Lab); pre-req MATH2105 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	course hours INTM course 3 hr 3	Course prefix/number hours CHEM1102/1102L (Gen. Chem. II & Lab); pre-req CHEM1101 4 BIOL1108/1108L (Prin. Biology) pre-req MATH1101 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	Hours earned Total hrs earned Min 27 Max 35
Junior year	Course prefix/number hours 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	course hours INTM course 3 hr 3	Course prefix/number hours 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 Upper Level Elective 3-4 Course for Minor or Prof. School Requirements. 3-4 between 12-16 hr	Hours earned Total hrs earned Min 27 Max 35
Senior year	Course prefix/number hours CHEM4421 (Biochemistry I & Lab); pre-req CHEM3302 4 PHYS1101/1101L (Intro. Physics I & Lab, if not already taken); pre-req MATH2105 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; choose 1 or more courses 3-4 between 13-17 hr	course hours hr 0-3	Course prefix/number hours 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 Course for Minor or Prof. School Requirements; choose 1 or more courses 3-4 between 13-17 hr	Hours earned Total hrs earned Min 26 Max 37 minimum hours to graduate

-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.
 -Two Upper level electives are required for the BS Biochemistry major which may be chosen from BIOL3321 (Microbiology), BIOL3322 (Immunology), BIOL3370 (Toxicology), BIOL3372 (Molecular Biology), BIOL3373 (Genetics), BIOL3374 (Cell Physiology), BIOL3376 (Virology), CHEM2251 (Analytical Analysis), CHEM4451 (Instrumental Analysis), CHEM3331 (Inorganic Chemistry) or PSYC4465 (Biopsychology).