

COURSE	"Pre-Med" Track	Biochem B.S.	Chemistry B.S.	Chemistry B.A.	Chem Minor	Bio B.S.	Bio B.A.	Bio Minor
	Courses listed below PLUS: - FYS 101 (or W101) - "literature" class (in practice, this can typically be any text-based "U" class) - Psych 100 and/or SA 100 These courses should usually be completed by end of Jr. year	Required core PLUS: 2 3XX chem 6 physics/math/bio PLUS: 5 Advanced Bio and/or Chem - 1 elective must be Bio - 1 elective must be 400-level Chem in senior year	Required core PLUS: 3 3XX chem 5 physics/math/bio PLUS: 4 Advanced Chem	Required core PLUS: 1 3XX chem 4 physics/math/bio PLUS: 3 Intermediate/Advanced Chem - 1 elective must be 300-level	Required core PLUS: 2 elective above 200 level	Required core PLUS: 6 bio at or above 300 level (1 diversity) 5 other math/sci, no more than 3 from 1 dept.	Required core PLUS: 5 bio at or above 300 level (incl. 1 diversity)	Required core PLUS: 3 bio at or above 300 level (incl. 1 diversity)
Calculus I&II (MATH 123&124)	Requirements range from no math to one course in math to one year of Calculus; minimum is Math 121 (pre-req for Physics)	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>		elective as other math/sci		
Physics I&II (PHYSICS 121&122)	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>ONE semester required</i>		elective as other math/sci		
Introductory Chemistry (CHEM 131 and 132)	Two years of Chemistry including two semesters of Organic Chemistry (CHEM 132/251)	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>Two semesters required</i>	<i>ONE semester required</i>
Organic Chemistry (CHEM 251)	Many programs require two years of Chemistry PLUS one semester of Biochemistry; for these schools, it is necessary to take five semesters of Chemistry and Biochemistry	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>	recommended or required by some graduate		
Biochemistry (CHEM 258)		<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>			
Intro Biology (BIO 150)	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>	<i>Required</i>
Cell and Molecular Biology (BIO 201)	Recommended or required, by program	<i>Required</i>				<i>Required</i>	<i>Required</i>	<i>Required</i>
Ecology and Evolution (BIO 202)						<i>Required</i>	<i>Required</i>	<i>Required</i>
Inorganic Chem (CHEM 317) (Fall only)		Elective	<i>Required</i>	Elective	Elective			
Analytical Chem (CHEM 331) (Fall only)		<i>Required</i>	<i>Required</i>	Elective	Elective			
Physical Chem (CHEM 343) (Spring only) (requires Calculus II)		<i>Required</i>	<i>Required</i>	<i>Required</i>	Elective			
400-level Chem/Biochem (at least 2 offered each semester; topics vary by course and instructor)		<i>one required</i>	<i>four required</i>	Elective	Elective			
Microbiology (BIO 315) <i>(not all semesters)</i>	Strongly recommended (required for most Vet programs) (required by some Dental programs)	Elective				Elective	Elective	Elective
Virology (Bio 316) <i>(not all semesters)</i>		Elective				Elective	Elective	Elective
Developmental bio (BIO 324) <i>(not all semesters)</i>	Recommended	Elective				Elective	Elective	Elective
Genetics (BIO 325) <i>(not all semesters)</i>	Recommended (required for most Vet programs)	Elective				Elective	Elective	Elective
Immunology (BIO 341) <i>(not all semesters)</i>		Elective				Elective	Elective	Elective
Eukaryotic Cell Bio (BIO 345) <i>(not all semesters)</i>		Elective				Elective	Elective	Elective
Senior Research		Elective; 2 semester = 1 "course" for major reqs	Elective; 2 semester = 1 "course" for major reqs			Elective; 2 semester = 1 "course" for major reqs	Elective; 2 semester = 1 "course" for major reqs	