

BS Degree

Molecular Bioscience and Biotechnology

Typical Course Schedule

	Fall		Winter		Spring		Credits		
		Credits		Credits		Credits			
First Year	1001 200	Freshman Symposium	1	1016 214	Elementary Calculus I	3	1016 215	Elementary Calculus II	3
	1001 251	Intro to Biology I	4	1001 252	Intro Biology II	4	1001 253	Intro to Biology III	4
	1011 215	Gen. & Analyt Chemistry I	4	1011 216	Gen. & Analyt Chemistry II	3	1011 217	Gen. & Analyt Chemistry III	3
	1011 205	Chemical Principles Lab I	1	1011 206	Chemical Principles Lab II	1	1011 227	Gen. & Analyt Chemistry Lab	1
	1720 051	Discovery	1	1720 052	Pathways	1			
	050x xxx	Liberal Arts Core	4	050x xxx	Liberal Arts Core	4	050x xxx	Liberal Arts Core	4
		Quarter Credits	15		Quarter Credits	16		Quarter Credits	15
Second Year		Fall	Credits		Winter	Credits		Spring	Credits
	1001 311	Cell Biology	4	1001 314	Tissue Culture	5	1001 350	Molecular Biology	4
	1016 319	Data Analysis	4	1001 325	Bionfor Analys of Macromol	3	xxxx xxx	Institute Elective	4
	1013 231	Organic Chemistry I	3	1013 232	Organic Chemistry II	3	1013 233	Organic Chemistry III	3
	1013 235	Organic Chemistry Lab I	1	1013 236	Organic Chemistry Lab II	1	1013 237	Organic Chemistry Lab III	1
	050x xxx	Liberal Arts Core	4	050x xxx	Liberal Arts Core	4	050x xxx	Liberal Arts Core	4
				1111 xxx	Physical Education	0			
	Quarter Credits	16		Quarter Credits	16		Quarter Credits	16	
Third Year		Fall	Credits		Winter	Credits		Spring	Credits
	1001 404	Intro Microbiology	4	1001 xxx	Biotechnology Elective	4	1001 xxx	Biotechnology Elective	4
	1001 421	Genetics	4	10xx xxx	General Education course	4	1001 xxx	Biotechnology Elective	4
	050x xxx	Liberal Arts - Concentration	4	050x xxx	Liberal Arts - Concentration	4	10xx xxx	General Education course	3
	1009 502	Biochem: Conf. & Dynam	3	1009 503	Biochemistry: Metabolism	3	xxxx xxx	Institute Elective	4
		Quarter Credits	15		Quarter Credits	15		Quarter Credits	15
Fourth Year		Fall	Credits		Winter	Credits		Spring	Credits
	1001 xxx	Biotechnology Elective	4	1001 xxx	Biotechnology Elective	4	1008 312	Analyt. Chem Separations lec	3
	10xx xxx	General Education course	2	050x xxx	Liberal Arts - Concentration	4	1008 319	Analyt. Chem Separations Lab	1
	xxxx xxx	Institute Elective	4	xxxx xxx	Institute Elective	4	1001 xxx	Biotechnology Elective	4
	xxxx xxx	Institute Elective	4	xxxx xxx	Institute Elective	3	xxxx xxx	Institute Elective	4
				1111 xxx	Physical Education	0			
	Quarter Credits	14		Quarter Credits	15		Quarter Credits	12	
*** Minimum Credits - 180									