Curriculum for a B.S. degree in Biochemistry

Year	Term	BIOCH		CHM		BIOL		PHYS		MATH		STAT	
1	Fall	110 Biochem Society	3	210 Chemistry I#	4					220 Calc I	4		
	Spr			230 Chemistry II#	4	198 Prin Biology	4			221 Calc II	4		
2	Fall			350 Gen Org Chem 351 Gen Org Lab *optional* 531 Org Chem I (3) 532 Org Lab (2)*	3 2	450 Modern Genetics 455 General Microbiology	4 4	113 Gen Physics I or 213 Eng Physics I	4 5			703 Statistical Methods for Natural Scientists	3
	Spr	521 Gen Biochem 522 Gen Biochem Lab	3 3	371 Chemical Analysis	4	541 Cell Biology	3	114 Gen Physics II or 214 Eng Physics II	4 5			*A&S requirements*	*32*
3	Fall	755 Biochem I 756 Biochem I Lab	3 2										
	Spr	765 Biochem II 757/758/766/767 Labs	3 (2)[1]	500: General Physical Chemistry	3								
4	Fall	799 Problems Bioch	(2)[1,2]										
	Spr	775 Molecular Biophysics	3										
Total			22		20		15		8 or 10		8		35

Total credit hours of required courses 108

Electives[3] 12

Total 120

[1]Either advanced laboratory (757/758/766/767) or 2 research credits (BIOCH 799)

[2]BIOCH 799 (Problems in Biochemistry) may be taken for 1-2 credits in any year of the degree plan

[3]MATH 222 or 340 or any upper division (>500 level) course in the following departments: BIOCH, BIOL, CHM, CIS, MATH, STAT

Honors Chemistry I and II (CHM 220, 250) can be taken instead of CHM 210, 230 and in such case, CHM 371 is not required

*CHM 550 (Org Chem II) should be taken if the option CHM 531, 532 is selected and will count towards electives