

BA Degree in Biochemistry, Medical Biochemistry Track

Year	Term	BIOCH		CHM		BIOL		PHYS		MATH/STAT		Univ. & College Req.			
1	Fall	110 Biochem Society	3	210 Chemistry I#	4					220 Calc I	4	<i>K- Core</i> [^] <i>ArtSci Requirements</i> <i>Upper Division Electives</i> ²	27		
	Spr			230 Chemistry II#	4	198 Prin Biology	4								
2	Fall			350 Gen Org Chem 351 Gen Org Lab <i>optional</i> 531 Org Chem I (3) 532 Org Lab (2)*	3 2	450 Modern Genetics 455 General Microbiology	4 4	113 Gen Physics I	4	Any 3 credit hours in statistics	3			Second Language Level 1 – 4 ¹ 2 Second Language Levels 1 – 2	9 4
	Spr	521 Gen Biochem 522 Gen Biochem Lab	3 3	371 Chemical Analysis	4	541 Cell Biology	3	114 Gen Physics II	4						
3	Fall	571 Med Biochem	3												
	Spr														
4	Fall	BIOCH 755 or 799 or STAT ^{2,3}	3												
	Spr					670 Immunology	4								
Total			15		17		19		8		7		54		

Total 120

¹ The BA requires Level 4 Foreign language, which qualifies the degree holder for Phi Beta Kappa.

1. Option 1: At least 3 credit hours of coursework culminating with level 4 or above the equivalent of level 4 in a second language sequence
2. Option 2: At least 16 credit hours of coursework in which student takes the first and second levels of two different languages or from any other second language transferred in at an equivalent level.

² Requires one of the following three classes: BIOCH 755, BIOCH 799, or STAT 300+

³ BIOCH 799 (Problems in Biochemistry) may be taken for 1-3 credits in any year of the degree plan. These credits are for laboratory research.

⁴ ASI 533, BIOL 410, 441, MATH 221, 222, 340, PHILO 365, PSYCH 470 or any upper division (>500 level) course in the following departments: BIOCH, BIOL, CHM, CIS, MATH, PHYS, 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

[^]Requirement 3 (Math & Stat) and Requirement 4 (Natural Sci) are fulfilled through major requirements