

Biochemistry Major: Two-Year Completion Plan

The following table outlines a two-year pathway for completing a major in Biochemistry.

Biochemistry Scheduling Plan		
Year	Course	Credits in the major
1 st Year/2 nd Year	CHEM111 ^(a)	4
	CHEM112 ^(b)	4
	BIOL121 or 125	4
	BIOL132 or 126	4
	CHEM211 ^(c)	4
	CHEM212 ^(c)	4
	BIOL340	4
	BIOL341	4
	PHYS101 or 105 ^(d)	-
	PHYS102 or 106 ^(d)	-
	MATH121	-
	MATH122	-
	Fall 3 rd Year	CHEM317
CHEM319 ^(e)		1
CHEM383		3
Spring 3 rd Year	CHEM318	3
	CHEM320 ^(e)	1
	Required additional BIOL ^(f)	3
TOTAL		46
Fall 4 th Year	CHEM & BIOL electives for students considering medical or graduate school ^(g)	-
Spring 4 th Year	CHEM453	2
	CHEM & BIOL electives for students considering medical or graduate school ^(g)	-
TOTAL		48
^(a) Placement test required if taken at UMW. AP test score of 4 counts as 111 credit		
^(b) AP test score of 5 counts as 111 and 112 credit		
^(c) For pre-medical/health tracks, CHEM211 and 212 are strongly recommended in the sophomore year. Otherwise, it is possible to take 253/254 in the sophomore year and 211/212 in the junior year.		
^(d) MATH121 co-requisite for PHYS105; MATH122 co-requisite for PHYS106		
^(e) CHEM317 co-requisite for CHEM319; CHEM318 co-requisite for CHEM320		
^(f) Must be one of BIOL 342, 440, 443, or 444. BIOL 471 requires approval from the chemistry department		
^(g) Students should discuss elective choices for graduate or medical school with their major advisors		

For further information or detail, contact:

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