

## ACS Certified 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 major
1 <sup>st</sup> Year/2 <sup>nd</sup> 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 <sup>rd</sup> Year	CHEM317	3
	CHEM319(e)	1
	CHEM383	3
	CHEM253	4
Spring 3 <sup>rd</sup> Year	CHEM318	3
	CHEM320(e)	1
	CHEM254	4
	Required additional BIOL(f)	3
<b>TOTAL</b>		<b>54</b>
Fall 4 <sup>th</sup> Year	CHEM & BIOL electives for students considering medical or graduate school(g)	-
Spring 4 <sup>th</sup> Year	CHEM453	2
	CHEM343	3
	CHEM345	1
	CHEM & BIOL electives for students considering medical or graduate school(g)	-
<b>TOTAL</b>		<b>58</b>
(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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