

## ACS Certified Chemistry Major: Two-Year Completion Plan

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

ACS CHEM Scheduling Plan		
Year	Course	Major Credits
1 <sup>st</sup> Year/2 <sup>nd</sup> Year	CHEM111 <sup>(a)</sup>	4
	CHEM112 <sup>(b)</sup>	4
	CHEM211 <sup>(c)</sup>	4
	CHEM212 <sup>(c)</sup>	4
	PHYS101 or 105 <sup>(d)</sup>	-
	PHYS102 or 106 <sup>(d)</sup>	-
	MATH121	-
	MATH122	-
Fall 3 <sup>rd</sup> Year	CHEM253 <sup>(c)</sup>	4
	CHEM317	3
	CHEM319 <sup>(e)</sup> (or in spring or 4 <sup>th</sup> year)	1
	CHEM383	3
Spring 3 <sup>rd</sup> Year	CHEM254 <sup>(c)</sup>	4
	CHEM384	3
	1 credit of research (or in 4 <sup>th</sup> year)	-
<b>TOTAL</b>		<b>34</b>
Fall 4 <sup>th</sup> Year	CHEM423	4
	CHEM387	2
	CHEM319 <sup>(e)</sup> (if not in 3 <sup>rd</sup> year)	-
	1 credit of research (if not in 3 <sup>rd</sup> year)	-
Spring 4 <sup>th</sup> Year	CHEM453	2
	CHEM388	2
	CHEM343	3
	CHEM345	1
<b>TOTAL</b>		<b>48</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		

For further information or detail, contact:

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