

Sample 5-Year Schedule – Accelerated Master’s Degree in Chemistry (Thesis Option)

FALL	CREDITS	SPRING	CREDITS	SUMMER	CREDITS
<b>FIRST YEAR</b>					
CH1150 University Chemistry I AND CH1151 University Chemistry Lab I AND CH1153 University Chemistry Recitation I OR CH1112 University Chem-Studio Lab I CH1130 Orientation PH1100 Physics by Inquiry I MA1160 Calculus with Technology I UN1015 Composition (or UN1025 Global Issues)	3 1 1 5 1 1 4 3	CH1160 University Chemistry I AND CH1161 University Chemistry Lab I AND CH1163 University Chemistry Recitation I OR CH1122 University Chem-Studio Lab II MA2160 Calculus with Technology II PH1200 Physics by Inquiry II PH2100 University Physics I-Mechanics UN1025 Global Issues (or UN1015 Composition)	3 1 1 5 4 1 3 3		
<b>TOTAL</b>		<b>TOTAL</b>			
	<b>14</b>		<b>16</b>		
<b>SECOND YEAR</b>					
CH2410 Organic Chemistry I CH2411 Organic Chemistry Lab I PH2200 University Physics II – E&M MA2321 Elementary Linear Algebra MA3521 Elementary Differential Eq. Free Elective General Education Core 2000 HUFA (or SBS)	3 1 3 2 2 3 3	CH2420 Organic Chemistry II CH2421 Organic Chemistry Lab II CH2212 Quantitative Analysis MA3160 Multivariable Calculus with Technology General Education Core 2000 SBS (or HUFA)	3 2 5 4 3		
<b>TOTAL</b>		<b>TOTAL</b>			
	<b>17</b>		<b>17</b>		
<b>THIRD YEAR</b>					
CH3510 Physical Chemistry I CH3511 Physical Chemistry Lab I CH4212 Instrumental Analysis CH4710 Biomolecular Chemistry I General Education Distribution	3 2 5 3 3	CH3520 Physical Chemistry II CH3521 Physical Chemistry Lab II <b>CH4990/4995 UG Research (Note: Required elective)</b> Free Electives General Education Distribution	3 2 3 3 6	<b>CH4990/4995 UG Research SENIOR RULE</b> (Note: Senior rule credits are not applied toward the undergraduate degree.)	<b>3</b>
<b>TOTAL</b>		<b>TOTAL</b>		<b>TOTAL</b>	<b>3</b>
	<b>16</b>		<b>17</b>		
<b>FOURTH YEAR</b>					
CH4310 Inorganic Chemistry I CH4311 Inorganic Chemistry Laboratory <b>Electives (up to 6 credits (preferably ≥5000 level) in senior year double-counted for BS and MS)</b>	3 2 11	CH4910 Chemistry Seminar <b>Electives (up to 6 credits (preferably ≥5000 level) in senior year double-counted for BS and MS)</b> General Education Distribution	1 11 3	<b>CH5990 Master’s Research</b> (Note: Need to complete 128 credits and the bachelor’s degree prior to this session in order to become a graduate student and enroll in graduate-level research credits.)	<b>3</b> (minimum)
<b>TOTAL</b>		<b>TOTAL</b>		<b>TOTAL</b>	<b>3</b>
	<b>16</b>		<b>15</b>		
<b>FIFTH YEAR</b>					
By the beginning of the fifth year a total of 12 credits toward the graduate degree have been earned (3 through senior rule, 6 double-counted electives (preferably ≥5000 level, and 3 credits of master’s research). Students need to earn a minimum of an additional 18 credits (for a total of 152 credits for the bachelor’s and master’s combined) in order to complete the accelerated master’s degree. For the master’s degree (thesis option) a maximum of 12 credits may be at the 3000-4000 level, a minimum of 12 credits must be at the 5000 level or above, and a minimum of 6 credits of research must be earned. Students must earn a minimum of 18 credits during their fifth year.				<b>CH5990 Master’s Research</b> (Note: Fifth year summer is the defense term.)	
<b>TOTAL</b>		<b>TOTAL</b>		<b>TOTAL</b>	<b>1</b>
	<b>8-9</b>		<b>8-9</b>		