



Chemistry (DC) Secondary

MAJOR

Course No.	Course Title	Credit Hours	Term/Equivalent Course & School	Grade
CHM 107	General Chemistry I	3		
CHM 110	General Chemistry I Lab	1		
CHM 108	General Chemistry II	3		
CHM 111	General Chemistry II Lab	2		
CHM 227	Organic Chemistry I	3		
CHM 228	Organic Chemistry I Lab	2		
CHM 229	Organic Chemistry II	3		
CHM 230	Organic Chemistry II Lab	2		
CHM 333	Physical Chemistry I Lab	1		
CHM 334	Physical Chemistry II Lab	1		
CHM 341	Chemical Thermodynamics	3		
CHM 342	Chemical Dynamics and Quantum Chemistry	3		
CHM 470, or CHM 471 And CHM 472	Basic Biochemistry I, or Biochemistry I And Biochemistry II	3 - 6		
Chemistry and Society: choose one of the following courses (3cr.):				
CHM 103	Chemistry and Society	3		
CHM 429	Industrial Chemistry Societal Issues			
CHM 474	Biochemical Social Issues			
Total Chemistry Credits		33-36	Major GPA	
Required supportive courses (17-19 cr.)				
EDU 475 Curriculum and Methods in Secondary Schools II: Science (3 cr.) MTH 140 Elementary Functions (3 cr.), Or MTH 141 Analytic Geometry/ Calculus I (4 cr.) PHY 130 General Physics I (3 cr.), PHY 131 General Physics I Lab (1 cr.), PHY 132 General Physics II (3 cr.) PHY 133 General Physics II Lab (1 cr.), CHM 387 Quantitative Analysis (3 cr.)				
Total Credits Required:		(49-54)		

MINOR AND ENDORSEMENT

Course No.	Course Title	Credit Hours	Term/Equivalent Course & School	Grade
CHM 107	General Chemistry I	3		
CHM 110	General Chemistry I Lab	1		
CHM 108	General Chemistry II	3		
CHM 111	General Chemistry II Lab	2		
CHM 227	Organic Chemistry I	3		
CHM 228	Organic Chemistry I Lab	2		
CHM 470, or CHM 471 And CHM 472	Basic Biochemistry I, or Biochemistry I And Biochemistry II	3-6		
Chemistry and Society: choose one of the following courses (3cr.):				
CHM 103	Chemistry and Society	3		
CHM 429	Industrial Chemistry Societal Issues			
CHM 474	Biochemical Social Issues			
Total Chemistry Credits		20-23	Minor GPA	
Required supportive courses (6-7cr.)				
EDU 475	Curriculum and Methods in Secondary Schools II: Science	3		
MTH 140, OR MTH 141	Elementary Functions, OR Analytic Geometry/ Calculus I	3 4		
Total Credits Required:		26-30	GPA:	