

21/22 AY Chemistry & Biochemistry Courses and Terms Offered

Course #	Course Title	Term A	Term B	Term C	Term D
CH 1010	Chemical Properties, Bonding, and Forces				
CH 1020	Chemical Reactions				
CH 1030	Kinetics, Equilibrium and Thermodynamics				
CH 1040	Spectroscopy in Organic and Polymer Chemistry				
CH 2310	Organic Chemistry I				
CH 2320	Organic Chemistry II				
CH 2330	Organic Chemistry III				
CH 2360	Organic Laboratory				
CH 2640	Experimental Chemistry I: Instrumental Analysis				
CH 2650	Modern Physical Chemistry Methods				
CH 2660	Organic Synthesis and Analysis Laboratory				
CH 2670	Investigation of Coordination Complexes through Inquiry				
CH 3310	Advanced Organic Chemistry (<i>offered AY 22/23</i>)				
CH 3410	Structure, Bonding, and Reactivity in Inorganic Chemistry				
CH 3510	Chemical Thermodynamics				
CH352X	Fundamentals of Applying Mathematical Methods to Chemistry and Biochemistry (<i>offered AY 22/23</i>)				
CH 3530	Quantum Chemistry				
CH 3550	Chemical Dynamics				
CH 4110	Protein Structure and Function				
CH 4120	Lipids and Biomembrane Functions				
CH 4130	Nucleic Acids and Bioinformation				
CH 4140	Metabolism and Disease				
CH 4150	Enzymology and Protein Characterization Laboratory				
CH 415X	Biophotonics				
CH 4160	Membrane Biophysics (<i>offered AY 21/22</i>)				
CH 4170	Experimental Genetic Engineering				
CH 4190	Regulation of Gene Expression (<i>offered AY 22/23</i>)				
CH 4330	Organic Synthesis				
CH 4420	Application of Molecular Orbital Theory to Metal Complexes				
CH 4520	Chemical Statistical Mechanics (<i>offered AY 21/22</i>)				
CH 516	Chemical Spectroscopy				
CH 536	Theory and Applications of NMR Spectroscopy (<i>offered AY 22/23</i>)				

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CH 538	Medicinal Chemistry				
CH 540	Regulation of Gene Expression (<i>offered AY 22/23</i>)				
CH 541	Membrane Biophysics				
CH 542	Drugs in the Brain (<i>offered AY 21/22</i>)				
CH 543	Organometallic Chemistry and & Catalysis (<i>offered AY 22/23</i>)				
CH 544	Elucidation of Organic Reaction Mechanisms				
CH 554	Molecular Modeling (<i>offered AY 22/23</i>)				
CH 555	Advanced Topics				
CH 571	Seminar				