Approved 200-Level Science Courses for B.A. Program in Chemistry

Department	Course #	Course Title	Semester Offered*
Biochemistry (BCH)	208(W)	Biochemistry Laboratory	Spring
Biology (BIO)	202(W)	Molecular Biology	Fall
	205(W)	Evolution	Spring
	208	Introduction to Programming for Biology	Fall
	210(W)	Cell Biology	Fall
	215(W)	Molecular Biology of Cell Signaling	Spring
	220(W)	Advanced Cell Biology	Fall
	226(W)	Developmental Biology	Fall
	243(W)	Eukaryotic Gene Regulation	Spring
	250	Introduction to Biochemistry	Spring
	252	Principles of Biochemistry (formerly BIO 250H)	Spring
	265	Molecular Evolution	
	268(W)	Lab in Molecular, Cell & Developmental Biology	Spring
Chemical Engineering (CHE)	213	Engineering of Soft Matter	Spring
	243	Fluid Dynamics	Spring
	264	Biofuels	Fall
	286/486	Polymer Science & Engineering	
Earth & Environmental Sciences (EES)	206(W)	Petrology & Geochemistry	Spring
	212	A Climate Change Perspective to Chemical Oceanography	Fall
	213(W)	Hydrol-Water Resources *(was Physical Hydrology)*	Fall
	216(W)	Environmental Geochemistry	Spring
	217	Physical and Chemical Hydrology	
	218	Atmospheric Geochemistry	
	219	Energy and Society	Fall
	248	High Temperature Geochemistry	
	268	Chemical & Isotopic Hydrology	
	269	Stable Isotopes in Geochemistry	
Microbiology (MBI)	220	Introduction to Microbiology	Fall
	221W	Microbiology Laboratory	Fall
	473	Immunology	Fall
Material Science (MSC)	202	Introduction to Materials	Fall
Neuroscience (NSC)	201	Basic Neurobiology	Fall
	203	Laboratory in Neurobiology	Spring
	243	Neurochemical Foundations of Behavior	Fall
Optics (OPT)	224	Fundamentals of Lasers	Fall
	241	Geometrical Optics	Fall
	256	Optics Laboratory	Fall/Spring
	276	Biomedical Optics	Fall
Physics (PHY)	217	Electricity & Magnetism I	Fall
	218	Electricity & Magnetism II	Spring
	227	Thermodynamics & Statistical Mechanics	Spring
	235W	Classical Mechanics	Fall
	237	Quantum Mechanics of Physical Systems	Spring
	243W	Advanced Experimental Techniques I	Fall
	244W	Advanced Experimental Techniques II	Fall
	245W	Advanced Nuclear Science Education Lab	Spring
	246	Quantum Theory	Spring
	251	Introduction to Condensed Matter	Spring
	253	Biological Physics	
	254	Nuclear and Particle Physics *(was 20th Century Particle Physics)*	
	255	Introduction to Fluid Dynamics	Fall

***Please Note:** No more than four credits may be from laboratory courses. Permission of the Chemistry Department Advising Committee is required to use a course not on this list. Course titles & semesters offered are subject to change, please consult an advisor regarding your individual program requirements.