

Chemistry & Biochemistry Course Offerings by Semester

Please note: This is a tentative schedule. Course offerings may change from semester to semester.

Course	Title	Fall	Spring	Summer
CHEM 1001	Pre-chemistry	E	E	E
CHEM 1002	Pre-chemistry Laboratory	E	E	N
CHEM 1101	Chemistry in the Modern World	E	E	E
CHEM 1102	Chem in the Modern World Lab	E	E	N
CHEM 1111	Environmental Science	E	E	E
CHEM 1112	Environmental Science Lab	E	E	N
CHEM 1121	CSI: Forensic Chemistry	E	E	E
CHEM 1122	CSI: Forensic Chemistry Lab	E	E	N
CHEM 1201	Introduction to Chemistry	E	E	N
CHEM 1211	Intro to Organic & Biochem	E	E	N
CHEM 1221	Intro to Gen, Org and Biochem	E	N	N
CHEM 1401	General Chemistry I	E	E	E
CHEM 1402	General Chemistry Lab I	E	E	E
CHEM 1411	General Chemistry II	E	E	E
CHEM 1412	General Chemistry Lab II	E	E	E
CHEM 1511	General Chem for Majors II	N	E	N
CHEM 1513	General Chem Lab for Majors II	N	E	N
CHEM 2201	Intro to Biochemistry Principles	N	E	N
CHEM 3001	Organic Chemistry	E	N	N
CHEM 3002	Organic Chemistry Laboratory	E	N	N
CHEM 3101	Organic Chemistry I	E	E	E
CHEM 3102	Organic Chemistry Laboratory I	E	E	E
CHEM 3103	Org Chem Lab for Biochem I	E	N	N
CHEM 3111	Organic Chemistry II	E	E	E
CHEM 3112	Organic Chemistry Lab II	E	E	E
CHEM 3113	Org Chem Lab for Biochem II	N	E	N
CHEM 3201	Organic Chem for Majors I	E	N	N
CHEM 3203	Organic Chem Lab for Majors I	E	N	N
CHEM 3211	Organic Chem for Majors II	N	E	N
CHEM 3213	Organic Chem Lab for Majors II	N	E	N
CHEM 4001	Analytical Chemistry	E	N	N
CHEM 4002	Analytical Chemistry Lab	E	N	N
CHEM 4011/5011	Instrumental Analysis	N	E	N
CHEM 4012	Instrumental Analysis Lab	N	E	N
CHEM 4101/5101	Phys Chem: Quantum & Spectrosc	E	N	N
CHEM 4102	Exptl Phys Chem: Quant & Spec	E	N	N
CHEM 4111/5111	Phys Chem: Thermo & Kinetics	N	E	N
CHEM 4112	Exptl Phys Chem: Thermo & Kinet	N	E	N
CHEM 4201	Curr Perspect in Sci & Med	E	E	N
CHEM 4211	Biochemistry	E	E	N
CHEM 4221/5221	Biochemistry I	E	N	N
CHEM 4222/5222	Biochemistry Laboratory	E	E	N
CHEM 4231/4231	Biochemistry II	N	E	N
CHEM 4232/5232	Adv Techniques in Biochem	E	N	N
CHEM 4261/5261	Advanced Biochemistry	N	E	N
CHEM 4301	Inorganic Chemistry I	E	N	N
CHEM 4311	Inorganic Chemistry II	N	E	N
CHEM 4312	Advanced Inorganic Chem Lab	N	E	N
CHEM 4421/5421	Heterocyclic Chemistry	N	AE	N
CHEM 4501/5501	Mass Spectrometry	N	AO	N

Key

E = offered every year

AE = offered alternate even years

AO = offered alternate odd years

N = not offered

R = rarely offered

CHEM 4502/5502	Bioanalytical Techniques	N	R	N
CHEM 4511/5511	Forensic Chemistry	N	E	N
CHEM 4521/5521	Environmental Chemistry	E	N	N
CHEM 4601/5601	Nanoscience & Nanotechnology	AE	N	N
CHEM 4631/5631	Computational Chemistry	AO	N	N
CHEM 4701/4701	Biophysical Chemistry	N	E	N
CHEM 4721/5721	Biochemistry of Drugs	AE	N	N
CHEM 4731/5731	Bioinformatics	E	N	N
CHEM 4741/5741	Protein Structure & Dynamics	N	AE	N
CHEM 4751/5751	Biochem Human Health & Dev	E	N	N
CHEM 4801/5801	Molecular Photochemistry	N	E	N
CHEM 4811	Mol Symm & Appl Group Theory	N	R	N
CHEM 4901/5901	Topics in Chem & Biochem	R	R	R
CHEM 4904/5904	Research: Upper Division	E	E	E
CHEM 4905/5905	Internship: Undergraduate	E	E	E
CHEM 4911	Chemistry Capstone	E	N	N
CHEM 4921	Biochemistry Capstone	E	N	N
CHEM 5401	Adv Organic Chem: Synthesis	N	AO	N
CHEM 5411	Adv Organic Chem: Mechanisms	N	R	N
CHEM 6010	Research Methods	E	N	N
CHEM 6020	Journal Club	N	E	N
CHEM 6030	Project Seminar	E	N	N
CHEM 7000	Masters Thesis	E	E	E
CHEM 7050	Masters Project	E	E	E
CHEM 9990	Candidate for Degree	E	E	E