

Chemistry (BS)

Department: Chemistry

Type: Major

Requirements for the Bachelor of Science in Chemistry

CHEM 250 (at W&L) Inorganic and Bioinorganic Chemistry (4 s.h.)

CHEM 261 (at W&L) Physical Chemistry: Quantum and Computational Chemistry (3 s.h.)

Item #	Title	Credits
CHEM 121	GENERAL CHEMISTRY I (NQ)	4
CHEM 122	GENERAL CHEMISTRY II (Q)	4
CHEM 221	ORGANIC CHEMISTRY I	4
CHEM 222	ORGANIC CHEMISTRY II (R)	4
CHEM 311	ANALYTICAL CHEMISTRY (W)	4
CHEM 321	PHYSICAL CHEMISTRY I	3
CHEM 400	SENIOR RESEARCH (M)	2
CHEM 401	SENIOR RESEARCH (M)	2

Three additional semester hours in Chemistry to be chosen from the following.

Item #	Title	Credits
CHEM 230	ENVIRONMENTAL CHEMISTRY I	3
	CHEM 260 or PHYS 260	3
CHEM 324	BIOCHEMISTRY I	3
	CHEM/PHYS 260 cannot count towards both the Chemistry BS and the Physics Minor	

Three additional semester hours in Mathematics at the 200-level or above or PSYC 250

Additional courses required as prerequisites for completion of the above include:

Item #	Title	Credits
PHYS 201	GENERAL PHYSICS I (NQ)	4
PHYS 202	GENERAL PHYSICS II	4
MATH 211	INTRO CALC/ANALYTIC GEOMETRY I (Q)	4
MATH 212	INTRO CALC/ANALYTIC GEOMETRY II (Q)	4
	Total credits:	40