

Bachelor of Science in Chemistry

Course	Course Title	Units	
FALL (Yr 1, Semester 1)			
LD Major	CHEM 111	General Chemistry I	5
LD Major/B4	MATH 130	Calculus	4
E	GS 101A	Foundations of Success I	1
A1	COMM 100	Communication	3
D1/Code 1		Student choice	3
TOTAL:			16

Course	Course Title	Units	
SPRING (Yr 1, Semester 2)			
LD Major	CHEM 112	General Chemistry II	5
A2	ENGL 101	College Writing	3
E	GS 101B	Foundations of Success II	1
LD Major	MATH 131	Calculus II	3
C1		Student choice	3
TOTAL:			15

Course	Course Title	Units	
FALL (Yr 2, Semester 3)			
E	LIBY 210	Introduction to Information Literacy	1
LD Major/B2	BIOL 140A	Princ. Cell and Molecular Biology	5
UD Major	CHEM 331	Organic Chemistry I	5
LD Major	MATH 230	Calculus III	3
A3	PHIL 100	Workshop in Clear Thinking	3
TOTAL:			17

Course	Course Title	Units	
SPRING (Yr 2, Semester 4)			
LD Major	CHEM 220	Quantitative Analysis	4
UD Major	CHEM 332	Organic Chemistry II	5
LD Major	BIOL 140B	Principles of Organismal Biology	5
Writing II/WID	ENGL 200 or	PHYS 230	3
TOTAL:			17

Course	Course Title	Units	
FALL (Yr 3, Semester 5)			
UD Major	BIOL 310	Genetic Analysis I	4
UD Major	CHEM 340	Survey of Biochemistry	3
C3		Student choice	3
LD Major/B1/B3	PHYS 135	Phys. Scientists & Engineers I	4
TOTAL:			14

Course	Course Title	Units	
SPRING (Yr 3, Semester 6)			
UD Major	CHEM 320	Bioanalytical & Forensic Instr.	3
LD Major	PHYS 136	Phys. Scientists & Engineers II	4
B6		Student choice	3
C3		Student choice	3
D2		Student choice	3
TOTAL:			16

Course	Course Title	Units	
FALL (Yr 4, Semester 7)			
UD Major	CHEM 351	Physical Chemistry I	3
UD Major	BIOL 415	PCR, Seq. & Fragment Analysis	3
elective		Student choice	1
D3		Student choice	3
Code 2		Student choice	3
TOTAL:			13

Course	Course Title	Units	
SPRING (Yr 4, Semester 8)			
UD Major	CHEM 352	Physical Chemistry II	3
UD Major	CHEM 420	Instrumental Analysis	3
C4		Student Choice	3
D4		Student choice	3
TOTAL:			12
TOTAL UNITS TO DEGREE:			120