

Chemistry



1st Year 1st Year Head: Dr Pamela Allan

CODE	TITLE	CREDITS	LEVEL	SEMESTER
CH106	Chemistry: Principles And Practice 1	20	Level 1	Semester 1
CH107	Chemistry: Principles And Practice 2	20	Level 1	Semester 2
CH108	Practical And Transferable Skills	20	Level 1	Full Year
99202	Introduction To Forensic Science	10	Level 1	Semester 2

2nd Year 2nd Year Head: Dr Brian McMillian

CODE	TITLE	CREDITS	LEVEL	SEMESTER
CH202	Inorganic Chemistry	20	Level 2	Full Year
CH208	Fundamental Organic Chemistry Forensic Trace Analysis And Quantitative	20	Level 2	Full Year
CH213	Analytical Chemistry	20	Level 2	Full Year
CH212	Physical Chemistry 1	20	Level 2	Full Year
CH214	Practical Organic And Inorganic Chemistry	20	Level 2	Full Year
CH218	Practical Organic, Inorganic And Physical Chemistry And Safety	20	Level 2	Full Year
CH219	Forensic & Analytical Science (cannot be taken with CH213)	10	Level 2	Semester 1

3rd Year 3rd Year Head: Dr Lynn Dennany

CODE	TITLE	CREDITS	LEVEL	SEMESTER
CH309	Physical Chemistry 2	20	Level 3	Full Year
CH313	Practical Physical, Applied, Forensic And Analytical Chemistry	20	Level 3	Full Year
CH314	Practical Physical, Applied And Drug Discovery Chemistry	20	Level 3	Full Year
CH315	Practical Organic And Inorganic Chemistry	20	Level 3	Full Year
CH316	Analytical Chemistry And Drugs Of Abuse	20	Level 3	Full Year
CH323	Chemical Biology	20	Level 3	Full Year
CH325	Intermediate Organic Chemistry And Spectroscopy	20	Level 3	Full Year
CH326	Inorganic Chemistry, Structures And Spectroscopy	20	Level 3	Full Year
CH333	Analytical Science (Cannot be taken with CH316)	10	Level 3	Semester 1
CH335	Drugs of Abuse (Cannot be taken with CH316)	10	Level 3	Semester 2

4th Year

CODE	TITLE	CREDITS	LEVEL	SEMESTER
CH437	Careers Skills	20	Level 4	Full Year
CH436	Honours Project	40	Level 4	Full Year

Core Chem		Must be taken together*		
CH404	Cage And Cluster Molecules (must be taken with CH406, CH485 and CH459)	5	Level 4	Semester 1
CH406	Environmental Chemistry (must be taken with CH404, CH485 and CH459)	5	Level 4	Semester 1
CH485	Key Reactions in Organic Chemistry (must be taken with CH406, CH404 and CH459)	5	Level 4	Semester 1
CH459	Understanding Molecules And Materials (must be taken with CH406, CH485 and CH404)	5	Level 4	Semester 1
Total		20	Level 4	

CH480 Chem		Must be taken together*		
CH494	Molecular Catalysis/Transition Metals	5	Level 4	Semester 2
CH498	Solid State Chemistry	5	Level 4	Semester 2
CH486	Advanced And Modern Methods In Organic Synthesis	10	Level 4	Semester 1
CH407	Interpretative Spectroscopy	5	Level 4	Semester 2
CH496	Polymer Nanotechnology	5	Level 4	Semester 2
CH497	Preparation and Synthesis of Polymers	10	Level 4	Semester 2
Total		40	Level 4	

CH477 Fore		Must be taken together*		
CH487	Principles & Practices of Forensic Science	10	Level 4	Semester 1
CH489	Atomic & Nuclear Spectroscopy	5	Level 4	Semester 2
CH499	Surface Analysis	5	Level 4	Semester 2
CH495	Multivariate Analysis	5	Level 4	Semester 2
CH492	Chemistry of DNA	5	Level 4	Semester 2
CH493	Fires and Explosives	5	Level 4	Semester 2
CH701	Toxicology & Alcohol	5	Level 4	Semester 2
Total		40	Level 4	

CH482 Drug		Must be taken together*		
CH490	Biomolecular Analysis	10	Level 4	Semester 2
CH491	Chemical Biology lib	10	Level 4	Semester 2
CH488	Advanced Medicinal Chemistry	10	Level 4	Semester 2
CH486	Advanced And Modern Methods In Organic Synthesis	10	Level 4	Semester 1
Total		40	Level 4	