

Study Plan for the Chemistry/Mathematics Double Major

Stage 1

ZPEM1301 Mathematics 1A
ZPEM1302 Mathematics 1B

ZPEM1101 Chemistry 1A
ZPEM1201 Chemistry 1B

plus

24 UOC of free electives

Stage 2

ZPEM2302 Mathematics Tools for Science
ZPEM2311 Mathematical Modelling
ZPEM2313 Discrete Mathematics with Applications

ZPEM2102 Organic Chemistry 2
ZPEM2113 Inorganic Chemistry and Spectroscopy
ZPEM2114 Biological Chemistry

plus

6 UOC of General Education

6 UOC of free elective; ZPEM2508 CBRNE is a recommended elective

Stage 3

ZPEM3301 Topics in Mathematics
ZPEM3313 Applied Nonlinear Dynamics
ZPEM3311 Mathematical Methods for Differential Equations

ZPEM3103 Introduction to Quantum Theory and Applications in Spectroscopy
ZPEM3107 Explosives
ZPEM3121 Supramolecular Chemistry

plus

6 UOC of General Education

6 UOC of prescribed elective; ZINT2100 Introduction to Cyber-security: Policy and Operation

Sample Program

	Semester 1				Semester 2			
Yr1	ZPEM1301	elective	ZPEM1101	elective	ZPEM1302	elective	ZPEM1201	elective
Yr2	ZPEM2302	ZPEM2102	GE-gp1	ZPEM2508	ZPEM2311	ZPEM2313	ZPEM2113	ZPEM2114
Yr3	ZPEM3301	ZPEM3107	ZPEM3103	ZPEM3311	ZINT2100	ZPEM3313	ZPEM3121	GE-gp2

*The plan provided above could be just one of several possible combinations for this double major.
Please see the Science UG Coordinator if you require further advice.*