

Study Plan for the Physics/Chemistry Double Major

Stage 1

ZPEM1101 Chemistry 1A
 ZPEM1102 Chemistry 1B
 ZPEM1301 Mathematics 1A
 ZPEM1302 Mathematics 1B
 ZPEM1501 Physics 1A: Mechanics, Waves and Thermodynamics
 ZPEM1502 Physics 1B: Electromagnetism and Modern Physics
plus
 12 UOC of free electives

Stage 2

ZPEM2102 Organic Chemistry
 ZPEM2114 Biological Chemistry
 ZPEM2113 Inorganic Chemistry & Spectroscopy
 ZPEM2302 Mathematics Tools for Science
 ZPEM2506 Physics2A: Meteorology and Atmospheric Physics
 ZPEM2502 Physics2B: Electrons, Photons and Matter
 ZPEM2509 Astrophysics
plus
 6 UOC of General Education

Stage 3

ZPEM3103 Applications of Quantum Theory
 ZPEM3107 Explosives
 ZPEM3121 Supramolecular Chemistry
 ZPEM3503 Materials
 ZPEM3528 Nuclear Physics
 ZPEM3532 Advanced Topics in Physics and Oceanography
plus
 6 UOC of General Education
 6UOC of prescribed elective; ZINT2100 Introduction to Cyber-security: Policy and Operation

Sample Program

	Semester 1				Semester 2			
Yr1	ZPEM1101	ZPEM1501	ZPEM1301	elective	ZPEM1102	ZPEM1502	ZPEM1302	elective
Yr2	ZPEM2102	ZPEM2506	ZPEM2302	GE-gp1	ZPEM2113	ZPEM2114	ZPEM2502	ZPEM2509
Yr3	ZPEM3103	ZPEM3107	ZPEM3503	ZINT2100	ZPEM3121	ZPEM3528	ZPEM3532	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.