

Study Plan for the Mathematics/Oceanography Double Major

Stage 1

ZPEM1301 Mathematics 1A

ZPEM1302 Mathematics 1B

ZPEM1501 Physics 1A: Mechanics, Waves and Thermodynamics

ZPEM1502 Physics 1B: Electromagnetism and Modern Physics

plus

24 UOC of free electives

Stage 2

ZPEM2302 Mathematics Tools for Science

ZPEM2311 Mathematical Modelling

ZPEM2313 Discrete Mathematics

ZPEM2506 Physics2A: Meteorology and Atmospheric Physics

ZPEM2401 Australian Waters and their Dynamics

ZPEM2405 Special Topic in Physics and Oceanography 2

plus

6 UOC of General Education

6UOC 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

ZPEM3401 Ocean Circulation and Mixing

ZPEM3404 Ocean Waves and Modelling

ZPEM3532 Advanced Topics in Physics and Oceanography

plus

6 UOC of General Education

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

Sample Program

	Semester 1				Semester 2			
Yr1	ZPEM1301	ZPEM1501	elective	elective	ZPEM1302	ZPEM1502	elective	elective
Yr2	ZPEM2302	ZPEM2401	ZPEM2506	elective	ZPEM2311	ZPEM2313	ZPEM2405	GE-gp2
Yr3	ZPEM3301	ZPEM3311	ZPEM3401	GE-gp1	ZPEM3313	ZPEM3404	ZPEM3532	ZINT2100

The plan provided above could be just one of several possible combinations for this double-major.