

## Study Plan for the Physics/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

ZPEM2401 Australian Waters

ZPEM2405 Special Topic in Physics and Oceanography 2

ZPEM2506 Physics2A: Meteorology and Atmospheric Physics

ZPEM2502 Physics2B: Electrons, Photons and Matter

ZPEM2509 Astrophysics

*plus*

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

6UOC of General Education

### Stage 3

ZPEM3103 Introduction to Quantum Theory

ZPEM3401 Ocean circulation and Mixing

ZPEM3404 Ocean Waves and Modelling

ZPEM3503 Advanced Materials

ZPEM3528 Nuclear Physics

ZPEM3532 Advanced Topics in Physics and Oceanography

*plus*

6UOC of General Education

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

### Sample Program

	Semester 1				Semester 2			
Yr1	ZPEM1301	ZPEM1501	elective	elective	ZPEM1302	ZPEM1502	elective	elective
Yr2	ZPEM2302	ZPEM2506	ZPEM2401	elective	ZPEM2405	ZPEM2502	ZPEM2509	GE-gp2
Yr3	ZPEM3401	ZPEM3103	ZPEM3503	GE-gp1	ZPEM3404	ZPEM3528	ZPEM3532	ZINT2100

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