

## Study Plans for the Geography/Aviation Double Major

### Stage 1

ZPEM1201 Geography 1A: Introduction to Global Change

ZPEM1202 Geography 1B: Contemporary Global Change

ZPEM1501 Physics 1A ZPEM1502 Physics 1B

ZPEM1301 Mathematics 1A (or ZPEM1303 Engineering Mathematics 1A)

ZPEM1302 Mathematics 1B (or ZPEM1304 Engineering Mathematics 1B)

*plus*

12 UOC of free electives

### Stage 2

ZPEM2207 Social Geography

ZPEM2202 Ecological Biogeography

ZPEM2213 The Art and Science of Doing Geography

*Plus three courses from:*

ZEIT2502 Fundamentals of Flight ZEIT2800 Introduction to Aviation ZEIT2802 Aircraft Systems for Aviators ZEIT2803 Aviation Safety

ZPEM2302 Mathematical Tools for Science

**Note:** Students must take at least one of ZEIT2502 Fundamentals of Flight or ZPEM2302 Mathematics Tools for Science for their Aviation major.

*plus*

12 UOC of General Education, Prescribed elective (ZINT2100 Introduction to Cyber-security: Policy and Operation) or free elective

### Stage 3

ZPEM3208 Geographic Research Methods

*Plus two of:*

ZPEM3204 Environmental Hazards

ZPEM3222 Coastal Geography

ZPEM3202 Cultural Geography

Plus three of the following four courses:

ZEIT3801 Advanced Aviation Safety (Prerequisite ZEIT2803 Aviation Safety)

ZEIT3803 Air Traffic Management

ZEIT3804 Behavioural Science Project

ZPEM3204 Environmental Hazards

**Notes:** (1) Students wishing to do ZEIT3804 Behavioural Science Project in their third year must take ZPEM2302 Mathematics Tools for Science in their second year. (2) ZPEM3204 Environmental Hazards can only count towards one of the streams, Geography or Aviation.

plus

12 UOC of General Education, Prescribed elective (ZINT2100 Introduction to Cyber-security: Policy and Operation) or free elective

Sample Programs

	Semester 1				Semester 2			
Yr1	ZPEM1201	ZPEM3101 Or ZPEM1303	ZPEM1501	elective	ZPEM1202	ZPEM1302 Or 1304	ZPEM1502	elective
Yr2	ZPEM2202	ZPEM2207	ZPEM2302	GE-gp1	ZPEM2212	ZEIT2802	ZPEM2803	GE-gp2
Yr3	ZPEM3202	ZPEM3204	ZEIT3801	ZINT2100	ZPEM3208	ZEIT3803	ZEIT3804	elective

(An example where ZPEM3204 Environmental Hazards counts towards the Geography major.)

	Semester 1				Semester 2			
Yr1	ZPEM1201	ZPEM3101 Or ZPEM1303	ZPEM1501	elective	ZPEM1202	ZPEM1302 Or 1304	ZPEM1502	elective
Yr2	ZPEM2202	ZPEM2207	ZEIT2800	ZPEM2302	ZPEM2212	ZEIT2502	ZINT2100	GE-gp2
Yr3	ZPEM3202	ZPEM3222	ZPEM3204	GE-gp1	ZPEM3208	ZEIT3803	ZEIT3804	elective

(An example where ZPEM3204 Environmental Hazards counts towards the Aviation major.)

The plans provided above are just two of several possible combinations for this double-major. Please see the Science UG Coordinator if you require further advice.