Geography is the study of physical and cultural environments from a spatial perspective. Students develop a range of skills that help them to understand the physical world, interpret the past, scrutinise the present and explore sustainable strategies for the future care of places.

### Geography 2AB

This is a semesterised Geography course for students to develop strong geographical skills and awareness for further training or employment. It is suitable for students who are seeking university entrance. There is a requirement on mapping skills across the course, comprising basic to extended skills.

#### Recommended Background

To be successful in this course, students should have obtained:

- C grade or above in the Society and Environment, English and Mathematics.

#### Commitment

Students will be required to:

- Complete 2 hours of study per week; and
- Attend compulsory assessment excursions.

#### Course Content (2A)

The focus of this unit is the geography of natural hazards and impact minimisation. The increasing incidence of hazards together with their impact on standards of living has prompted the active search for solutions.

During this course students will:

- Explain the concept of hazard geography;
- Classify hazards as atmospheric, hydrologic, geologic, biologic or technologic;
- Use key tectonic processes elements to explain hazards;
- Use key elements of weather and climate to explain the processes of hazards;
- Describe the impact of the hazard upon natural and human environments;
- Describe and account for any relationship between the degrees of loss and the proximity to the hazard; and
- Examine in detail one atmospheric and geomorphic hazard in extensive detail.

### Geography 3AB

This is a single Geography course for students to develop strong geographical skills and awareness for further training or employment. It is suitable for students who are seeking university entrance. There is a requirement on mapping skills across the course, comprising basic to extended skills.

#### Recommended Background

To be successful in this course, students should have obtained:

- C grade or above in Geography 2AB; English 2AB and Mathematics 2AB.

#### Commitment

Students will be required to:

- Complete 3 hours of study per week; and

### Course Content (2B)

The focus of this unit is the geography of sustainable resource use. The management of the resources used by humans has proven to be the contentious issue in today’s society.

During this course students will:

- Define the term resource;
- Define and explain the following different types of resources i.e. Natural resources, cultural resources, human resources, renewable resources and non-renewable resources;
- Explain the difference between exploitation, depletion and conservation of natural resources;
- Provide examples for both Australia and the less developing countries; and
- Explain the concept of sustainability in relation to resource use.

For both units the student will:

- Use information obtained from a variety of maps, photographs and satellite imagery to identify, locate and describe natural and cultural landscape features, patterns of features (formal regions) and interrelationships between features;
- Use technology in a geographic context to represent and analyse geographical data;
- Conduct field observations; and
- Draw conclusions supported by patterns evident in the data.
Geography

∞ Attend compulsory assessment excursions.

Course Content (3A)
The focus of this unit is the geography of planning cities. Students will examine concepts, processes and roles of planning by comparing Perth with a selected megacity. In this course students will:
∞ Describe and account for the site and situation of Perth and chosen megacity;
∞ Identify and describe the external morphology of Perth and chosen megacity, referring to models of urban morphology;
∞ Describe and account for the internal morphology of Perth and chosen megacity;
∞ Outline demographic patterns within Perth and chosen megacity—age, gender, socioeconomic, cultural distributions and factors contributing to associations;
∞ Analyse the nature of planning strategies and policies in addressing current urban problems with Perth and chosen megacity; and
∞ Justify attitudes and opinions in the context of events and time periods.

Course Content (3B)
The focus of this unit is the geography of climate change over geological time, with agriculture as a case study. Students will investigate policies and strategies designed to guide future action used to address the effects of the climate change. In this unit students will:
∞ Explain the concept of sustainability;
∞ Define the concepts of climate change and the greenhouse effect;