



**ADELAIDE**  
INTERNATIONAL  
SCHOOL



**2017**  

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**2018**

**Compulsory SACE  
Subjects**



## Pastoral Care

### Educating the Whole Child

At AIS we recognise the value for each child to grow both academically and personally to participate fully in community and life-long learning.

AIS wants students to engage in their learning to become knowledgeable thinkers and inquirers.

Most importantly, AIS wants students to be principled, open-minded and caring people valuing reflection and making balanced decisions.

## Pastoral Care

In pursuit of educating the whole child, Adelaide International School provides a Pastoral Care programme for each year level. AIS understands the unique needs of high school students. The aim of the Pastoral Care Programme is to assist students' personal and emotional development and well-being. Pastoral care teachers facilitate contact between students, home-stay families, Student Services Officer, Counsellor, subject teachers and the Principal.

The aims of Pastoral Care at AIS are:

- ✓ To develop language skills for communicating about Pastoral Care
- ✓ To develop students' social and emotional well-being
- ✓ To develop awareness of and promote safe behaviours
- ✓ To cultivate respectful relationships
- ✓ To foster increasing independence, responsibility and awareness of one's place in the world.
- ✓ To prepare students for the next phase of their lives by providing forum and explicit teaching of age appropriate issues related to emotional, social and physical health.



## **SACE Compulsory Subjects - See Subject Guide for Optional Subjects**

Students select 6 subjects per semester at Stage 1 of SACE. Students select 1 English and 1 Mathematics subject only.

### **English**

#### Subject Description

English is taught in two 10-credit subjects at Stage 1 and a 20-credit subject at Stage 2.

In English students analyse the interrelationship of author, text, and audience with an emphasis on how language and stylistic features shape ideas and perspectives in a range of contexts. Students consider social, cultural, economic, historical, and/or political perspectives in texts.

An understanding of purpose, audience, and context is applied in students' creation of imaginative, interpretive, analytical, and persuasive texts in a variety of modes.

Students have opportunities to reflect on their personal values and those of other people by responding to aesthetic and cultural aspects of texts from the contemporary world, from the past, and from Australian and other cultures.

### **Essential English**

#### Subject Description

Essential English is taught in two 10-credit subjects at Stage 1, and a 20-credit subject at Stage 2.

In this subject students respond to and create texts in and for a range of personal, social, cultural, community, and/or workplace contexts.

Students understand and interpret information, ideas, and perspectives in texts and consider ways in which language choices are used to create meaning.

### **English as an Additional Language**

#### Subject Description

English as an Additional Language is taught in two 10-credit subjects at Stage 1, and a 20-credit subject at Stage 2.

English as an Additional Language is designed for students for whom English is a second language or an additional language or dialect. These students have had different experiences in English and one or more other languages. Students who study this subject come from diverse personal, educational, and cultural backgrounds

## **Mathematics**

### Subject Description

Stage 1 Mathematics is taught in two 10-credit subjects at Stage 1, and a 20-credit subject at Stage 2.

Mathematics develops an increasingly complex and sophisticated understanding of calculus, statistics, mathematical arguments, and proofs, and using mathematical models. By using functions, their derivatives, and integrals, and by mathematically modelling physical processes, students develop a deep understanding of the physical world through a sound knowledge of relationships involving rates of change. Students use statistics to describe and analyse phenomena that involve uncertainty and variation.

Stage 1 Mathematics provides the foundation for further study in mathematics in Stage 2 Mathematical Methods and Stage 2 Specialist Mathematics.

Stage 2 Mathematical Methods can lead to tertiary studies of economics, computer sciences, and the sciences. It prepares students for courses and careers that may involve the use of statistics, such as health or social sciences.

Stage 2 Specialist Mathematics can be a pathway to mathematical sciences, engineering, space science, and laser physics. Specialist Mathematics is designed to be studied in conjunction with Mathematical Methods.

## **General Mathematics**

### Subject Description

General Mathematics is taught in two 10-credit subjects at Stage 1, and a 20-credit subject at Stage 2.

General Mathematics extends students' mathematical skills in ways that apply to practical problem solving. A problem-based approach is integral to the development of mathematical models and the associated key ideas in the topics. These topics cover a diverse range of applications of mathematics, including personal financial management, measurement and trigonometry, the statistical investigation process, modelling using linear and non-linear functions, and discrete modelling using networks and matrices.

Successful completion of this subject at Stage 2 prepares students for entry to tertiary courses requiring a non-specialised background in mathematics.

## **Essential Mathematics**

### Subject Description

Essential Mathematics is taught in two 10-credit subjects at Stage 1, and a 20-credit subject at Stage 2.

Essential Mathematics offers senior secondary students the opportunity to extend their mathematical skills in ways that apply to practical problem solving in everyday and workplace contexts. Students apply their mathematics skills to diverse settings, including everyday calculations, financial management, business applications, measurement and geometry, and statistics in social contexts.

In Essential Mathematics there is an emphasis on developing students' computational skills and expanding their ability to apply their mathematical skills in flexible and resourceful ways.

This subject is intended for students planning to pursue a career in a range of trades or vocations.

## **Personal Learning Plan**

### Subject Description

The Personal Learning Plan (PLP) is a compulsory 10-credit subject undertaken at Stage 1 or during Year 10.

Students must achieve a C grade or better to gain their SACE.

The PLP helps students to:

- plan their personal and learning goals for the future
- make informed decisions about their personal development, education, and training.

## **Research Project A and B**

### Subject Description

Stage 2 Research Project is a compulsory 10-credit subject. Students must achieve a C– grade or better to gain their SACE.

Students enrol in either Research Project A or Research Project B.

The external assessment for Research Project B must be written. Students can choose to present their external assessment for Research Project A in written, oral, or multimodal form.

Research Project A and B may contribute to a student's Australian Tertiary Admission Rank (ATAR).

Students choose a research question that is based on an area of interest to them. They explore and develop one or more capabilities in the context of their research.

The Research Project enables students to explore an area of interest in depth, while developing skills to prepare them for further education, training, and work. Students develop their ability to question sources of information, make effective decisions, evaluate their own progress, be innovative, and solve problems.

Information adapted from [www.sace.sa.edu.au](http://www.sace.sa.edu.au) and