

TERTIARY ENTRANCE IN SOUTH AUSTRALIA AND THE NORTHERN TERRITORY

# SATAC

2010  
2011  
2012

## international baccalaureate

A booklet for students  
undertaking the  
International  
Baccalaureate  
Diploma in  
Australian schools.

Tertiary entrance  
in South Australia  
and the Northern  
Territory.



# Welcome

## **International Baccalaureate**

Welcome to the International Baccalaureate - Tertiary Entrance in South Australia and the Northern Territory booklet covering the years 2010, 2011 and 2012.

SATAC publishes this booklet annually on behalf of TAFE SA and the three universities in South Australia (Flinders University, The University of Adelaide and the University of South Australia) and Charles Darwin University in the Northern Territory.

It is made available to every student completing the International Baccalaureate Diploma Programme in South Australian and Northern Territory schools and to their teachers. Copies are also distributed to all schools offering the International Baccalaureate Diploma Programme elsewhere in Australia.

The booklet presents detailed information about entry requirements for the coming admission year and highlights planned changes for the two subsequent years.

By providing information covering a three-year period this booklet provides assistance to students seeking to make appropriate subject choices in anticipation of tertiary study.

This booklet is designed to complement the booklet *Tertiary Entrance 2010, 2011, 2012* which is published for the benefit of students completing the South Australian Certificate of Education (SACE) or Northern Territory Certificate of Education (NTCE).

The information in this booklet is presented on behalf of the tertiary institutions in South Australia and the Northern Territory and was accurate as at July 2009. Schools are advised directly of significant changes which occur after publication.

<b>Introduction</b>	2
<b>2010 tertiary entrance</b>	
2010 TAFE entry requirements	3
2010 university entry requirements	4
University access and bonus points schemes	5
Charles Darwin University courses	8
Flinders University courses	10
University of Adelaide programs	14
University of South Australia programs	22
<b>2011 and 2012 tertiary entrance</b>	
2011 and 2012 TAFE entry requirements	28
2011 and 2012 university entry requirements	28
<b>Abbreviations and terminology</b>	28
<b>Contact information</b>	Inside back cover

# Introduction

## About this booklet

The purpose of this booklet is to provide information which will assist International Baccalaureate students, with guidance and assistance from counsellors in schools, to make subject choices and further study decisions. It:

- > states the entry requirements under the IB diploma for students wishing to enter courses/programs offered by the three universities in South Australia and Charles Darwin University in the Northern Territory in the next three years - 2010, 2011 and 2012;
- > gives details of subject entry requirements by course/program for the three universities in South Australia and Charles Darwin University in the Northern Territory;
- > gives general information about entry requirements for TAFE SA.

## Finding the information you need

### 2010 TAFE entry

If you are applying for courses at any campus of TAFE SA, you will find information about minimum entry requirements and selection processes on page 3.

### 2010 university entry

If you are applying for courses/programs at any of the three universities in South Australia and Charles Darwin University in the Northern Territory, you will find information about selection, eligibility, ranks, prerequisite and assumed knowledge subjects on pages 4 and 5.

### 2011 and 2012 TAFE entry

This section (see page 28) provides details of any changes that will occur in minimum entry requirements for entry in 2011 and 2012.

### 2011 and 2012 university entry

This section (see page 28) provides details of any changes that will occur in entry requirements, prerequisite and assumed knowledge subjects for entry in 2011 and 2012.

# 2010 tertiary entrance sitting the IB in 2009

## 2010 TAFE entry requirements

If you are enrolled in the International Baccalaureate (IB) diploma in 2009, in order to be eligible for entry in 2010 to many of the courses offered by TAFE SA, you must qualify for the IB diploma.

### To qualify for the IB diploma you must:

- > complete one subject from each of the six subject groups with at least three subjects at higher level (HL);
- > follow a Theory of Knowledge (TOK) course;
- > complete an Extended Essay (EE);
- > engage in a program of extra-curricular activities to meet Creativity, Action, Service (CAS) requirements;
- > achieve a total score of at least 24 points;
- > meet any other IB diploma requirements.

## Minimum entry requirements

TAFE SA courses offered through SATAC have minimum entry requirements (MER) which all applicants must meet in order to be eligible for selection. For many courses, IB diploma completion meets the MER.

Full details of the MER for TAFE SA courses are provided in the *TAFE SA Course and Admissions Guide* which is available in schools and from SATAC (see inside back cover for contact details).

## IB Diploma

Minimum entry requirements in relation to secondary schooling are expressed by TAFE SA in terms of completion of the South Australian Certificate of Education (SACE) or achievement at SACE Stage 1. For IB students, completion of the IB diploma satisfies these requirements.

Students who do not complete the IB diploma may be able to meet the MER by one or more of the following alternatives:

- > interstate or overseas equivalent of SACE completion;
- > successful performance in the TAFE SA Assessment of Basic Skills (TABS);
- > Special Tertiary Admissions Test (STAT) results;
- > a completed certificate at a designated Australian Qualifications Framework (AQF) level.

## Other criteria

A number of courses use other criteria in addition to IB diploma completion to determine whether applicants have met the MER.

## Selection into TAFE SA courses

Where there are more eligible applicants for a TAFE SA course than there are places, applicants are ranked for selection using the course specific selection criteria. TAFE SA selection processes are based on merit.

Further details about selection processes in TAFE SA may be obtained from the relevant TAFE SA campus, TAFE SA Information or the *TAFE SA Course and Admissions Guide*.

Selection criteria for TAFE SA courses are published on the TAFE SA website at [www.tafe.sa.edu.au/selectionguide](http://www.tafe.sa.edu.au/selectionguide).

# 2010 tertiary entrance sitting the IB in 2009

## 2010 university entry requirements

If you are enrolled in the International Baccalaureate (IB) diploma in 2009, in order to be eligible for entry in 2010 to any one of the three universities in South Australia or Charles Darwin University in the Northern Territory, you must qualify for the IB diploma.

### To qualify for the IB diploma you must:

- > complete one subject from each of the six subject groups with at least three subjects at higher level (HL);
- > follow a Theory of Knowledge (TOK) course;
- > complete an Extended Essay (EE);
- > engage in a program of extra-curricular activities to meet Creativity, Action, Service (CAS) requirements;
- > achieve a total score of at least 24 points;
- > meet any other IB diploma requirements.

### Selection into university courses/programs

Selection into university courses/programs is based on both eligibility and rank. Eligibility allows you to be considered for selection; rank determines whether you are competitive enough to be selected.

### To be eligible for selection into a university course/program you must:

- > successfully complete your IB diploma;
- > obtain a minimum IB score of 24 points (your IB score is then converted to an equivalent South Australian Tertiary Entrance Rank (SA TER) (see table opposite);
- > fulfil any prerequisite subject requirements for the course.

All applicants considered for entry to courses/programs at the three universities in South Australia and Charles Darwin University in the Northern Territory on the basis of results from the final year of secondary schooling are ranked using the South Australian Tertiary Entrance Rank (SA TER). The SA TER is an indicator of how well a particular student has performed relative to other students.

The table below shows the relationship between IB points and the equivalent SA TER used for selection. Note that this table is used only for entry to the three universities in South Australia and Charles Darwin University in the Northern Territory. IB Diplomates who apply for admission to courses in other Australian states or overseas will be considered on the basis of different conversion tables developed and approved in the relevant states or countries.

### IB to SA TER table

IB Points*	Equivalent SA TER
45	99.95
44	99.95
43	99.95
42	99.85
41	99.20
40	98.85
39	98.50
38	98.20
37	97.75
36	96.30
35	95.50
34	95.15
33	94.55
32	93.30
31	91.35
30	87.15
29	83.85
28	82.90
27	81.30
26	78.95
25	75.55
24	69.90

\*IB points total (in the range 24 - 45), derived from the results gained in both Higher Level and Standard Level subjects and possibly augmented by bonus points based on the standard achieved in the Extended Essay and the Theory of Knowledge.

# 2010 tertiary entrance sitting the IB in 2009

## **Details about prerequisites and assumed knowledge**

The tables on pages 8 - 27 show all university courses/programs offered in 2010, and any prerequisite and assumed knowledge subjects. These will help students to check their IB subjects against university course/program entry requirements. For a definition of the terms, see page 28.

### **Prerequisites**

Some university courses/programs require students to have studied one or more specific IB subjects to a minimum standard in order to be eligible for selection into the course. These subjects are known as prerequisites. Unless otherwise stated, prerequisite subjects may be taken either at higher level (HL) or at standard level (SL).

In order to fulfil a prerequisite subject requirement, you must obtain a minimum grade of 3 if the subject has been taken at higher level (HL), or a minimum grade of 4 if the subject has been taken at standard level (SL).

### **Assumed knowledge**

Many university courses/programs recommend that commencing students have background knowledge in one or more specified subjects or have an identified skill which will enhance the student's understanding of the course/program content. This is known as assumed knowledge.

Assumed knowledge is not compulsory and is not used in the selection process for entry to university courses/programs. Statements of assumed knowledge are intended purely to assist students in understanding program/course content and to allow them to make subject choices which may be of benefit to them in their future tertiary studies.

## **University access and bonus points schemes**

All three universities in South Australia and Charles Darwin University in the Northern Territory operate schemes designed to provide students from educationally disadvantaged schools or backgrounds with assistance in gaining access to undergraduate courses/programs. In addition, the three Universities in South Australia operate bonus points schemes for students who have completed particular subjects at SACE/NTCE Stage 2 level or their IB equivalents.

SATAC adds bonus points to the university aggregate for students eligible under the various access and bonus points schemes. SATAC then converts the revised university aggregate to a corresponding Tertiary Entrance Rank (TER).

For IB students, SATAC calculates the equivalent of a TER based on their IB score. Bonus points are added to the corresponding university aggregate which is then converted to a revised equivalent TER.

Because access and bonus points schemes are specific to a particular university, any bonus points for which a student is eligible under each of the schemes described below are only added for the purpose of selection into courses/programs offered by the university concerned.

### **Access schemes**

#### *Charles Darwin University - Consideration of NT School Leavers*

A school leaver who applies to Charles Darwin University and who completes studies at a high school in the Northern Territory or at a high school in a rural area specifically identified by the University and gains a TER of 80 (or equivalent) is guaranteed an offer of a place in a course at Charles Darwin University through the SATAC process.

#### *Charles Darwin University - NT Schools Bonus Points Scheme*

Charles Darwin University offers bonus points to students who have completed studies in a high school in the Northern Territory or a high school in a rural area specifically identified by the University.

For further information, contact Charles Darwin University (see inside back cover for details).

# 2010 tertiary entrance sitting the IB in 2009

## *Flinders University - Rural and Isolated Student Access Scheme (RISAS)*

The Rural and Isolated Student Access Scheme (RISAS) is operated by Flinders University to assist students from rural and isolated schools to gain access to Flinders University courses. All South Australian country schools, Northern Territory schools and interstate country schools are included.

Bonus points are allocated to all students who face educational disadvantage because they attend rural and isolated schools.

## *Flinders University - Student Equal Access Scheme (SEAS)*

The Student Equal Access Scheme (SEAS) is operated by Flinders University to assist students from low socioeconomic backgrounds in metropolitan schools. Bonus points are allocated to School Card holders and Health Care Card holders, and to students attending designated 'SEAS' schools.

Note that applicants can receive bonus points under the various access schemes and the Bonus Points Schemes (see below) up to a maximum of ten bonus points.

For further information, contact Flinders University (see inside back cover for details) or see [www.flinders.edu.au/special-entry](http://www.flinders.edu.au/special-entry).

## *The University of Adelaide - Fairway Scheme*

This scheme provides students from all Australian country schools and some South Australian metropolitan schools deemed under-represented in higher education with an extra opportunity to study at the University of Adelaide. Each year Fairway Scheme Schools are determined on the basis of participation rates of their students in South Australian universities over the previous three years.

In addition, from 2010 students attending non Fairway Scheme Schools, but who are in receipt of Youth Allowance or who hold a School Card can also apply to receive six Fairway bonus points.

Note: applicants can receive bonus points under both the Fairway Scheme and the Specialist Mathematics/LOTE bonus points scheme (see below).

For further information, contact the University of Adelaide (see inside back cover for details).

## *University of South Australia - USANET*

USANET Bonus Points create opportunities for students who may have experienced educational

disadvantage either through economic circumstance or location.

USANET offers bonus points and a range of support services to actively encourage these students to enrol and succeed in undergraduate programs at UniSA.

Students attending schools recognised and recorded by UniSA as:

- > disadvantaged, or
- > rural or isolated (generally, these schools are listed on the Country Areas Program for their state or territory, or are located more than 80km from a major population centre)

are included in USANET automatically. No application form is required.

Students attending any other schools in Australia (not covered above) who are on a School Card (or state equivalent) and/or Youth Allowance can apply for assistance through the USANET Bonus Points Program for entry to UniSA.

USANET application forms can be downloaded from the USANET website [www.unisa.edu.au/usanet/apply](http://www.unisa.edu.au/usanet/apply).

Note that applicants can receive bonus points under both the USANET Bonus Points Program and Subject Bonus Points (see below).

For further information, contact the University of South Australia (see inside back cover for details).

## **Bonus points schemes**

### *Flinders University - LOTE bonus points scheme*

This is a bonus points scheme for students who study Language Other Than English (LOTE) subjects at SACE/NTCE Stage 2 level. The scheme also applies to IB students who meet the following requirements:

- > the student must complete a Group 2 Second Language and achieve a minimum grade of 3 for a higher level (HL) subject or a minimum grade of 4 for a standard level (SL) subject;
- > the student must apply for specific Flinders University courses.

Applicants will receive a maximum of two bonus points for LOTE subjects, regardless of the number of LOTE subjects studied.

### *Flinders University - Science and Mathematics bonus points scheme*

This is a bonus points scheme for students who study Biology, Chemistry, Mathematical Studies, Physics or

# 2010 tertiary entrance sitting the IB in 2009

Specialist Mathematics at SACE/NTCE Stage 2 level. The scheme also applies to IB students who meet the following requirements:

- > the student must complete one or more of Biology, Chemistry, Mathematics, or Physics and achieve a minimum grade of 3 for a higher level (HL) subject or a minimum grade of 4 for a standard level (SL) subject;
- > the student must apply for specific Flinders University Science and Engineering courses.

Two bonus points are given for each subject except for Mathematics (HL), which will be allocated four bonus points.

Note that applicants can receive bonus points under the Bonus Points Schemes and the various access schemes (see above) up to a maximum of ten bonus points.

For further information, contact Flinders University (see inside back cover for details) or see [www.flinders.edu.au/special-entry](http://www.flinders.edu.au/special-entry).

## *The University of Adelaide - Specialist Mathematics/LOTE bonus points scheme*

This is a bonus points scheme for students who study Specialist Mathematics and/or a Language Other Than English at SACE/NTCE Stage 2 level. The scheme also applies to IB students who meet the following requirements:

- > to be eligible for the mathematics bonus points, an IB student must complete Mathematics (HL) and achieve a minimum grade of 3;
- > to be eligible for the LOTE bonus points, an IB student must complete a Group 2 Second Language and achieve a minimum grade of 3 for a higher level (HL) subject or a minimum grade of 4 for a standard level (SL) subject

For entry in 2010, two bonus points will be given for Mathematics (HL) and two bonus points for a LOTE to a maximum of four points. Only one LOTE bonus is given regardless of the number of LOTE subjects studied.

For entry in 2011, bonus points will be assigned on a sliding scale based on the IB grade.

Note: applicants can receive bonus points under both the Specialist Mathematics/LOTE bonus points scheme and the Fairway scheme (see above) to a maximum of ten points in 2011, and nine points in 2012.

Note: from 2011 onwards, selection for the Bachelor of Medicine/Bachelor of Surgery will no longer include bonus points under the Specialist Mathematics/LOTE

scheme, however selection will still include Fairway bonus points.

For further information, contact the University of Adelaide (see inside back cover for details).

## *University of South Australia - Subject bonus points*

UniSA Subject Bonus Points award bonus points to year 12 applicants based on performance in nominated year 12 subjects which the University believes will better prepare students for study in their chosen University of South Australia program.

Bonus points are awarded to IB applicants who have achieved a minimum grade of 3 at higher level (HL) or a minimum grade of 4 at standard level (SL) in the nominated subject listed for each University of South Australia program. Applicants will receive two bonus points for each subject up to a maximum of five bonus points.

UniSA Subject Bonus Points replace the Mathematics Bonus Scheme but the University will continue to recognise the importance of mathematics by including mathematics subjects within the scheme. To ensure a smooth transition to the new scheme, UniSA will continue to allocate bonus points to IB mathematics subjects across **all** programs for those students applying to commence university study in 2010.

Note that applicants can receive bonus points under both Subject Bonus Points and the USANET Bonus Points Program (see above).

For further information, contact the University of South Australia (see inside back cover for details) or go to [www.unisa.edu.au/future/year12/bonuspoints/default.asp](http://www.unisa.edu.au/future/year12/bonuspoints/default.asp).

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Charles Darwin University</b>			
<b>Degrees:</b>			
Accounting	114511 134141	NIL	NIL
Accounting/Laws	114521	NIL	NIL
Applied Science	114531	NIL	NIL
Applied Science/Arts	114561	NIL	NIL
Applied Science/Commerce	114571	NIL	NIL
Arts	114021	NIL	NIL
Arts/Creative Arts and Industries	114601	NIL	NIL
Arts/Laws	114051	NIL	NIL
Behavioural Science	114061	NIL	NIL
Biomedical Science	114071	NIL	Chemistry, Mathematics
Commerce	114621 134151	NIL	NIL
Commerce/Laws	114631	NIL	NIL
Creative Arts and Industries	114641	NIL	NIL
Creative Arts and Industries (Communication)	114651	NIL	NIL
Creative Arts and Industries (Fine Arts)	114661	NIL	NIL
Creative Arts and Industries (Music)	114671	NIL	NIL
Creative Arts and Industries (New Media Design)	114681	NIL	NIL
Creative Arts and Industries (New Media Design)/ Information Technology	114691	NIL	NIL
Design	114161	NIL	NIL
Engineering	114191	NIL	Mathematics
Engineering (Co-op)	114791	NIL	Mathematics
Engineering (Robotics or Computer Systems)	114801	Mathematical Studies (SL) OR Mathematics (SL or HL)	NIL
Engineering/Applied Science	114701	NIL	Mathematics
Engineering/Commerce	114711	NIL	Mathematics
Engineering/Information Technology	114221	NIL	Mathematics
Environmental Management	114721	NIL	NIL
Exercise and Sports Science	114551	NIL	NIL
Humanitarian and Community Studies	114731	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Charles Darwin University</b>			
<b>Degrees continued:</b>			
Indigenous Knowledges	114741	NIL	NIL
Information Technology	114261	NIL	NIL
Information Technology/Commerce	114751	NIL	NIL
Laws	114281	NIL	NIL
Nursing (Pre-registration)	114331 114335 134061	NIL	NIL
Nursing/Applied Science	114591	NIL	NIL
Pharmacy	114371	NIL	Chemistry, Mathematics
Social Work	114501	NIL	NIL
Teaching and Learning (Preservice)	114461 114465 134091	NIL	NIL
Teaching and Learning/Applied Science	114761	NIL	NIL
Teaching and Learning/Arts	114471	NIL	NIL
Teaching and Learning/Creative Arts and Industries	114771	NIL	NIL
<b>Associate Degree:</b>			
Legal Studies	115011	NIL	NIL
<b>Advanced Diploma:</b>			
Engineering	116021	NIL	NIL
<b>Diplomas:</b>			
Engineering	116031	NIL	NIL
Languages	116011	NIL	NIL
Network Engineering	116041	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Flinders University</b>			
<b>Degrees:</b>			
Applied Geographical Information Systems	214591	NIL	NIL
Aquaculture	214011	NIL	NIL
Archaeology	214021	NIL	NIL
Arts	214031	NIL	NIL
Behavioural Science (Psychology)	214051	NIL	NIL
Biodiversity and Conservation	214511	NIL	NIL
Biotechnology (Honours)	214071	NIL	NIL
Business	214761	NIL	NIL
Business combined degrees	214762	NIL	NIL
Commerce	214081	NIL	NIL
Commerce combined degrees	214082	NIL	NIL
Computer Science	214821	Mathematical Studies (SL) OR Mathematics (SL or HL)	NIL
Computing and Digital Media	214831	NIL	Mathematical Studies OR Mathematics
Creative Arts (Creative Writing)	214551	NIL	NIL
Creative Arts (Digital Media)	214741	NIL	NIL
Creative Arts (Drama)	214561	NIL	NIL
Creative Arts (Screen)	214571	NIL	NIL
Disability and Community Rehabilitation	214101	NIL	NIL
Disability and Community Rehabilitation (External)	214105	NIL	NIL
Early Childhood Education/Arts	214751	NIL	NIL
Ecotourism	214121	NIL	NIL
Engineering (Biomedical)	214771	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Biomedical) combined degrees	214772	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Flinders University</b>			
<b>Degrees continued:</b>			
Engineering (Biomedical)/Master of Engineering (Biomedical)	214881	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Civil) - Flinders University/Charles Darwin University	214961	Mathematical Studies (SL) OR Mathematics (SL or HL)	Chemistry, Physics
Engineering (Civil) - Flinders University/UniSA	214901	Mathematical Studies (SL) OR Mathematics (SL or HL)	Chemistry, Physics
Engineering (Computer Systems)	214791	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Computer Systems) combined degrees	214792	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Electronics)	214801	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Electronics) combined degrees	214802	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Mechanical) - Flinders University/UniSA	214911	Mathematical Studies (SL) OR Mathematics (SL or HL)	Chemistry, Physics
Engineering (Mechanical) - Flinders University/Charles Darwin University	214951	Mathematical Studies (SL) OR Mathematics (SL or HL)	Chemistry, Physics
Engineering (Robotics)	214781	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Robotics) combined degrees	214782	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Robotics)/Master of Engineering (Smart Instrumentation)	214891	Mathematical Studies (SL) OR Mathematics (SL or HL)	Physics
Engineering (Software Engineering)	214601	Mathematical Studies (SL) OR Mathematics (SL or HL)	NIL
Engineering (Software Engineering) combined degrees	214602	Mathematical Studies (SL) OR Mathematics (SL or HL)	NIL
Engineering Science	214811	NIL	Mathematical Studies OR Mathematics, Physics
Environmental Management	214151	NIL	NIL
Environmental Science	214161	NIL	NIL
Forensic and Analytical Chemistry	214171	Chemistry	NIL

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Flinders University</b>			
<b>Degrees continued:</b>			
Government and Public Management	214671	NIL	NIL
Health Sciences	214181	NIL	NIL
Health Sciences combined degrees	214182	NIL	NIL
Health Sciences/Environmental Health Practice	214871	NIL	NIL
Information Technology	214201	NIL	NIL
International Studies	214221	NIL	NIL
International Tourism	214841	NIL	NIL
Junior Primary/Primary Teaching/Arts	214611	NIL	NIL
Junior Primary/Primary Teaching/Science	214621	NIL	Equip IB subjects for some 1st year uni topics
Justice and Society	214241	NIL	NIL
Languages	214921	NIL	NIL
Laws and Legal Practice	214441	NIL	NIL
Laws and Legal Practice combined degrees	214442	NIL	NIL
Marine Biology	214451	NIL	NIL
Marine Biology combined degrees	214452	NIL	NIL
Media (Creative Arts)	214851	NIL	NIL
Media (Public Affairs)	214861	NIL	NIL
Medical Science	214421	NIL	NIL
Medicine/Surgery	214941	NIL	NIL
Middle School Teaching/Arts	214631	NIL	NIL
Middle School Teaching/Health Sciences	214681	NIL	Equip IB subjects for some 1st year uni topics
Middle School Teaching/Science	214641	NIL	Equip IB subjects for some 1st year uni topics
Midwifery (Pre-registration)	214431	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Course	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>Flinders University</b>			
<b>Degrees continued:</b>			
Nanotechnology (Honours)	214471	Chemistry for Biomedical Nanotechnology stream; Chemistry, Mathematics (SL or HL) and Physics for Quantum Nanostructures stream	NIL
Nursing (Pre-registration)	214311	NIL	NIL
Nursing (Pre-registration) (Riverland)	214312	NIL	NIL
Nutrition and Dietetics	214381	NIL	NIL
Optometry	214931	NIL	Chemistry, Physics
Paramedic Studies	214191	NIL	NIL
Psychology (Honours)	214321	NIL	NIL
Science	214331	NIL	Equiv IB subjects for some 1st year uni topics
Science (Honours) Enhanced Program for High Achievers	214721	EITHER Mathematics (SL) and two of Biology, Chemistry, Geology or Physics OR Mathematics (HL) and one of Biology, Chemistry, Geology or Physics	NIL
Secondary School Teaching/Arts	214651	NIL	NIL
Secondary School Teaching/Health Sciences	214691	NIL	Equiv IB subjects for some 1st year uni topics
Secondary School Teaching/Science	214661	NIL	Equiv IB subjects for some 1st year uni topics
Social Work and Social Planning	214481	NIL	NIL
Speech Pathology	214352	NIL	NIL
Theology	214361	NIL	NIL
Theology (External)	214365	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees:</b>			
Agricultural Sciences	324561	NIL	Chemistry, Mathematics
Animal Science	324141	NIL	Chemistry, Mathematics
Arts	314071	NIL	NIL
Arts/Economics	324131	NIL	NIL
Arts/Music	314081	NIL	See relevant entry for Music on page 19
Arts/Music Education	324581	NIL	See relevant entry for Music Education on page 19
Arts/Music Studies	324571	NIL	See relevant entry for Music Studies on page 19
Arts/Science	324021	EITHER two Science subjects OR one Science subject plus Mathematics (SL or HL).	Chemistry, Mathematics, Physics
Biomedical Science	314091	Chemistry AND either one other Science subject or Mathematics (SL or HL)	Mathematics, Physics
Biotechnology	314691	Chemistry, Mathematics (SL or HL)	Physics
Commerce	314101	NIL	NIL
Computer Graphics	324541	Mathematics (SL or HL)	NIL
Computer Science	314111	Mathematics (SL or HL)	NIL
Dental Surgery	314122	EITHER two Science subjects OR one Science subject plus Mathematics (SL or HL)	Chemistry, Physics
Design Studies	314131	NIL	Basic freehand drawing ability and computing skills

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees continued:</b>			
Development Studies	324391	NIL	NIL
EcoChemistry	324271	Chemistry AND either one other Science subject or Mathematics (SL or HL)	Mathematics, Physics
Economics	314141	NIL	NIL
Economics/Finance	314151	NIL	NIL
Engineering (Aerospace)	324191	Mathematics (HL), Physics	Chemistry
Engineering (Aerospace) double degrees	324201	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Architectural)	324481	EITHER Mathematics (HL) OR Mathematics (SL) and one of Biology, Chemistry or Physics	NIL
Engineering (Avionics and Electronic Systems)	324501	Mathematics (SL or HL), Physics	NIL
Engineering (Chemical)	314161	Mathematics (HL), Physics	Chemistry
Engineering (Chemical) double degrees	314871	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Civil and Environmental)	314181	Mathematics (HL), Physics	Chemistry
Engineering (Civil and Environmental) double degrees	314891	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Civil and Structural)	314171	Mathematics (HL), Physics	Chemistry
Engineering (Civil and Structural) double degrees	314881	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees continued:</b>			
Engineering (Computational)	324511	Mathematics (HL), Physics	NIL
Engineering (Computer Systems)	314191	Mathematics (HL), Physics	NIL
Engineering (Computer Systems) double degrees	314901	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	NIL
Engineering (Electrical and Electronic)	314201	Mathematics (HL), Physics	NIL
Engineering (Electrical and Electronic) double degrees	314911	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	NIL
Engineering (Mechanical)	314221	Mathematics (HL), Physics	Chemistry
Engineering (Mechanical) double degrees	314931	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Mechanical and Automotive)	324231	Mathematics (HL), Physics	Chemistry
Engineering (Mechanical and Automotive)/ Mathematical and Computer Sciences	324411	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Mechatronic)	314231	Mathematics (HL), Physics	Chemistry
Engineering (Mechatronic) double degrees	314941	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Mining)	324401	Mathematics (HL), Physics	Chemistry
Engineering (Mining) double degrees	324441	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Petroleum)	314951	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees continued:</b>			
Engineering (Petroleum) double degrees	324211	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	Chemistry
Engineering (Pharmaceutical)	324451	EITHER Mathematics (SL) and two of Biology, Chemistry or Physics OR Mathematics (HL) and one of Biology, Chemistry or Physics	NIL
Engineering (Software)	324311	Mathematics (SL or HL), Physics	NIL
Engineering (Sports)	324521	EITHER Mathematics (HL) OR Mathematics (SL) and one of Biology, Chemistry or Physics	NIL
Engineering (Sustainable Energy)	324531	EITHER Mathematics (HL) OR Mathematics (SL) and one of Biology, Chemistry or Physics	NIL
Engineering (Telecommunications)	314211	Mathematics (HL), Physics	NIL
Engineering (Telecommunications) double degrees	314921	EITHER Mathematics (HL) and Physics OR Chemistry, Mathematics (SL) and Physics	NIL
Environmental Policy and Management	324031	NIL	NIL
Evolutionary Biology	324281	NIL	Chemistry, Mathematics
Finance	314401	NIL	NIL
Finance/Mathematical and Computer Sciences	314711	Mathematics (SL or HL)	NIL
Food and Nutrition Science	314761	NIL	Chemistry, Mathematics
Health Sciences	314411	NIL	NIL
Health Sciences/Mathematical and Computer Sciences double degrees	324461	Mathematics (SL or HL)	NIL

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees continued:</b>			
High Performance Computational Physics (Honours)	324171	Mathematics (HL), Physics	NIL
International Studies	314961	NIL	NIL
International Studies double degrees	324241	NIL	NIL
Laws (Undergraduate entry)	324251	NIL	NIL
Laws (Undergraduate entry) double degrees	324111	See prerequisites and assumed knowledge for the non-law degree*	
Marine Biology	324431	NIL	Chemistry, Mathematics
Mathematical and Computer Sciences	314541	Mathematics (SL or HL)	
Mathematical Sciences	324421	Mathematics (HL)	NIL
Media	324041	NIL	NIL
Media double degrees	324261	NIL	NIL
Medicine/Surgery	314552	NIL	NIL
Mineral Geoscience	324551	EITHER two Science subjects OR one Science subject plus Mathematics (SL or HL).	Chemistry, Mathematics, Physics
Molecular and Drug Design	324161	Chemistry AND either one other Science subject or Mathematics (SL or HL)	Mathematics, Physics
Molecular Biology	314561	Chemistry AND either one other Science subject or Mathematics (SL or HL)	Mathematics, Physics

\*If choosing engineering as the non-law degree, the prerequisites are as per the appropriate engineering double degree.

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Degrees continued:</b>			
Music	324061	NIL	Music OR AMEB Grade 5 theory and either AMEB Grade 7-8 Practical or CPM Advancing Step 4
Music Education	324081	NIL	Music OR AMEB Grade 5 theory and AMEB Grade 6-7 Practical
Music Studies	324071	NIL	Music OR AMEB Grade 5 theory and AMEB Grade 6-7 Practical
Nanoscience and Materials	324291	Chemistry AND either one other Science subject or Mathematics (SL or HL)	Mathematics, Physics
Natural Resources	324471	NIL	Chemistry, Mathematics
Nursing (Pre-registration)	324341	NIL	NIL
Optics and Photonics	324091	Mathematics (HL), Physics	NIL
Oral Health	314701	NIL	NIL
Petroleum Geoscience	324321	Mathematics (SL or HL) AND either Chemistry or Physics	NIL
Pre-Veterinary	324491	Chemistry, Mathematics (SL or HL)	Physics
Psychological Science	394001	NIL	NIL
Psychology (Honours)	324051	NIL	NIL
Science	314581	EITHER two Science subjects OR one Science subject plus Mathematics (SL or HL).	Chemistry, Mathematics, Physics
Secondary Teaching/Arts	324351	NIL	NIL
Secondary Teaching/Economics	324361	NIL	NIL



# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>The University of Adelaide</b>			
<b>Diplomas:</b>			
Music (Classical)	316091	NIL	AMEB Grade 6-7 Practical and AMEB Grade 5 Theory or equivalent
Music (Jazz)	316081	NIL	AMEB CPM Advancing Step 4 together with AMEB Grade 5 Theory
Music (Sound Engineering)	316101	NIL	Familiarity with computer systems & software, music software and hardware, knowledge of music theory (e.g. AMEB Grade 3 theory)
Wine Marketing (External)	316077	NIL	NIL
<b>Certificates:</b>			
Music - III	317031	NIL	AMEB Grade 5 Practical or AMEB CPM Advancing Step 1 - 2 together with AMEB Grade 3 Theory or equivalent
Music (Classical) - IV	317011	NIL	AMEB Grade 6 Practical together with Grade 4 - 5 Theory or equivalent
Music (Jazz) - IV	317001	NIL	AMEB CPM Advancing Step 3 together with Grade 4 - 5 Theory or equivalent
Music (Technology) - IV	317021	NIL	Familiarity with music applications on computer; knowledge of music theory such as AMEB Grade 3 Theory

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees:</b>			
Aboriginal Studies	424401	NIL	NIL
Aboriginal Studies/Human Services	424421	NIL	NIL
Aboriginal Studies/Middle and Secondary Education	424491	NIL	NIL
Aboriginal Studies/Social Work	444151	NIL	NIL
Adult, Vocational and Workplace Learning	434601	NIL	NIL
Applied Finance	424051	NIL	NIL
Architectural Studies	424441	NIL	NIL
Arts	424541	NIL	NIL
Arts (Communication and Media Management)	444011	NIL	NIL
Arts (Languages and Intercultural Communication)	444181	NIL	NIL
Australian Studies	424411	NIL	NIL
Australian Studies/Middle and Secondary Education	424501	NIL	NIL
Built Environment	414301	NIL	NIL
Business Administration (Specialisation)	424361	NIL	NIL
Business and Enterprise	464121 474021	NIL	NIL
Business Systems	434901	NIL	NIL
Civil Aviation	434032	NIL	Mathematics (HL), Physics
Commerce	424181	NIL	NIL
Commerce/Applied Finance	424191	NIL	NIL
Communication (Media and Culture)	444261	NIL	NIL
Computer Science (Honours)	434421	Mathematical Studies (SL) OR Mathematics (SL or HL)	NIL
Computing (Multimedia)	444041	NIL	NIL
Construction Management and Economics	414021	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees continued:</b>			
Design and Technology Education (Design Technology)	434581	NIL	NIL
Design and Technology Education (Home Economics)	434701	NIL	NIL
Early Childhood Education	444051	NIL	NIL
Engineering - BTech (Mechanical and Manufacturing Eng)	434221	Mathematics (SL or HL)	Physics
Engineering (Biomedical)	434831	Mathematics (SL or HL)	Physics
Engineering (Civil)	434481	Mathematics (SL or HL)	Physics
Engineering (Civil and Environmental Management)	434861	Mathematics (SL or HL)	Physics
Engineering (Civil and Project Management)	434811	Mathematics (SL or HL)	Physics
Engineering (Civil and Transport)	434801	Mathematics (SL or HL)	Physics
Engineering (Civil and Water Resources Management)	434851	Mathematics (SL or HL)	Physics
Engineering (Computer Systems)	434441	Mathematics (SL or HL)	Physics
Engineering (Electrical and Mechatronic)	434451	Mathematics (SL or HL)	Physics
Engineering (Electronics and Communications)	434751	Mathematics (SL or HL)	Physics
Engineering (Materials)	434841	Chemistry, Mathematics (SL or HL)	Physics
Engineering (Mechanical)	434321	Mathematics (SL or HL)	Physics
Engineering (Mechanical)/Information Technology	434271	Mathematics (SL or HL)	Physics
Engineering (Mechanical)/Management	434411	Mathematics (SL or HL)	Physics
Engineering (Mechanical and Advanced Manufacturing)	434791	Mathematics (SL or HL)	Physics
Engineering (Mechanical and Mechatronic)	434781	Mathematics (SL or HL)	Physics
Engineering (Mechanical and Nanotechnology)	434761	Mathematics (SL or HL)	Physics
Engineering (Mechanical and Sustainable Systems)	434771	Mathematics (SL or HL)	Physics

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees continued:</b>			
Engineering (Networking and Communications)	434741	Mathematics (SL or HL)	Physics
Engineering (Robotics)	434821	Mathematics (SL or HL)	Physics
Engineering (Specialisation)/Management or Marketing	434101	Mathematics (SL or HL)	Physics
Games and Entertainment Design	434881	NIL	NIL
Health Science	414311	NIL	NIL
Human Movement and Health Studies	414231	NIL	NIL
Human Movement and Health Studies/Middle and Secondary Education	414261	NIL	NIL
Human Resource Management	424351	NIL	NIL
Human Services	444101	NIL	NIL
Human Services/Psychological Science	444241	NIL	NIL
Industrial Design	424071	NIL	NIL
Industrial Design/Management	424521	NIL	NIL
Information Technology	434041	NIL	NIL
Information Technology	434621	NIL	NIL
Information Technology/Management	424061	NIL	NIL
Information Technology Management	424121	NIL	NIL
Interior Architecture	424081	NIL	NIL
International Business	424091	NIL	NIL
International Business/International Studies	424221	NIL	NIL
International Studies	444141	NIL	NIL
Journalism	444061	NIL	NIL
Journalism/International Studies	444171	NIL	NIL
Journalism/Writing and Creative Communication	444281	NIL	NIL
Junior Primary and Primary Teaching	444071	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees continued:</b>			
Laboratory Medicine	414011	Chemistry	NIL
Laws	424461	NIL	NIL
Laws double degrees	424471	NIL	NIL
Laws double degrees (Engineering options)	424481	Mathematics (SL or HL)	Physics
Logistics and Supply Chain Management	424511	NIL	NIL
Management	424101	NIL	NIL
Management/International Studies	424261	NIL	NIL
Marketing	424111	NIL	NIL
Marketing and Communication	424451	NIL	NIL
Marketing/International Studies	424271	NIL	NIL
Mathematical Sciences	434661	Mathematics (SL or HL)	NIL
Media Arts	444191	NIL	NIL
Medical Radiation (Medical Imaging)	414371	NIL	NIL
Medical Radiation (Nuclear Medicine)	414341	NIL	NIL
Medical Radiation (Radiation Therapy)	414361	NIL	NIL
Medical Science	414381	NIL	NIL
Midwifery (Pre-registration)	414241 414245	NIL	NIL
Networking and Security	434891	NIL	NIL
Nursing (Pre-registration)	414141 414145 464071 474031	NIL	NIL
Nutrition and Food Sciences	414291	NIL	NIL
Occupational Therapy	414092	NIL	NIL
Pharmaceutical Science	414331	Biology OR Chemistry OR Physics	NIL
Pharmacy	414101	Chemistry	Mathematics

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees continued:</b>			
Physiotherapy	414112	NIL	Biology, Physics
Podiatry	414321	NIL	Biology, Chemistry
Primary and Middle School Teaching	434591	NIL	NIL
Property	424131	NIL	NIL
Psychological Science	444211	NIL	NIL
Psychology (Honours)	444221	NIL	NIL
Public Relations	444251	NIL	NIL
Quantitative Finance	424431	Mathematics (SL or HL)	NIL
Science	434201	NIL	Equiv IB subjects for some 1st year uni courses
Secondary Science Teaching	434611	NIL	Equiv IB subjects for some 1st year uni courses
Social Work	444111 464081 474041	NIL	NIL
Social Work/International Studies	444231	NIL	NIL
Software Development	434871	NIL	NIL
Software Engineering	434211	NIL	NIL
Sport and Recreation Management	434191	NIL	NIL
Sustainable Environments (Biodiversity and Park Management)	434711	NIL	NIL
Sustainable Environments (Environmental Protection and Management)	434631	NIL	NIL
Sustainable Environments (Geographical and Earth Systems)	434641	NIL	NIL
Sustainable Environments (Geospatial Information Systems)	434651	NIL	NIL
Tourism and Event Management	424371	NIL	NIL
Urban and Regional Planning	414161	NIL	NIL

# 2010 tertiary entrance sitting the IB in 2009

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>University of South Australia</b>			
<b>Degrees continued:</b>			
Visual Arts (Specialisation)	424381	NIL	NIL
Visual Communication	424151	NIL	NIL
Writing and Creative Communication	444271	NIL	NIL
<b>Associate Degrees:</b>			
Accounting	465011 475011	NIL	NIL
Built Environment	415011	NIL	NIL
Business Ventures	465021 475021	NIL	NIL

# 2011 and 2012 tertiary entrance years 11 and 10 in 2009

## 2011 and 2012 TAFE entry requirements

The TAFE SA minimum entry requirements are reviewed each year but will continue to recognise IB Diploma completion.

## 2011 and 2012 university entry requirements

The basic university entry requirements for 2011 and 2012 are the same as for 2010 (see pages 4 and 5).

With the exception per below, the entry requirements for university courses/programs for 2011 and 2012 are the same as those shown in the tables on pages 8 - 27 for 2010.

Program	SATAC code	Prerequisite subjects	Assumed knowledge subjects
<b>2012 entry</b>			
The University of Adelaide Oral Health	314701	From 2012 entry Any one IB Science subject	From 2012 entry NIL

For 2011 and 2012, there will no doubt be changes to the courses/programs available but students can use the present list as a guide to assist them in their IB subject choices.

# Abbreviations and terminology

## Abbreviations

CAS	Creativity, Action, Service
EE	Extended Essay
HL	Higher Level
IB	International Baccalaureate
NTCE	Northern Territory Certificate of Education
SACE	South Australian Certificate of Education
SATAC	South Australian Tertiary Admissions Centre
SL	Standard Level
TER	Tertiary Entrance Rank
TOK	Theory of Knowledge

## Terminology

### Assumed knowledge

Background knowledge in a subject or an identified skill which is expected to enhance a student's understanding of the content of a given tertiary program/course.

### Prerequisite

A subject in which a student must gain a specified minimum grade in order to be eligible for selection into the university course/program for which the prerequisite is nominated. Where a prerequisite can be met by a Standard Level (SL) subject a minimum grade of 4 is required. Higher Level (HL) subject prerequisites can be met with a minimum grade of 3.

# Contact information

## **South Australian Tertiary Admissions Centre**

104 Frome Street  
Adelaide SA 5000  
Phone (08) 8224 4000  
1300 138 440 (local call charge)  
[www.satac.edu.au](http://www.satac.edu.au)

## **Charles Darwin University**

Information Centre  
Building Orange 1 - Casuarina campus  
Ellengowan Drive  
Darwin NT 0909  
Phone (08) 8946 7766  
1800 061 963 (freecall)  
[www.cdu.edu.au](http://www.cdu.edu.au)

## **Flinders University**

Admissions/Prospective Students Office  
GPO Box 2100  
Adelaide SA 5001  
Phone (08) 8201 3074  
1300 657 671 (local call charge)  
[www.flinders.edu.au](http://www.flinders.edu.au)

## **The University of Adelaide**

Student Centre  
Adelaide SA 5005  
Phone (08) 8303 7335  
1800 061 459 (freecall from country and interstate)  
[www.adelaide.edu.au](http://www.adelaide.edu.au)

## **University of South Australia**

Future Student Enquiries  
Level 1, 101 Currie Street  
Adelaide SA 5000  
Phone (08) 8302 2376  
1300 UNINOW (local call charge)  
[www.unisa.edu.au](http://www.unisa.edu.au)

## **TAFE SA Information**

GPO Box 320  
Adelaide SA 5001  
Phone 1800 882 661 (freecall)  
Mobiles (08) 8463 6300  
TTY (for deaf) (08) 8463 6359  
[www.tafe.sa.edu.au](http://www.tafe.sa.edu.au)

## **International Baccalaureate Organisation**

Australian Office  
6/481-483 Parramatta Road  
Leichhardt NSW 2040  
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[www.ibo.org](http://www.ibo.org)

