

INTERNATIONAL BACCALAUREATE DIPLOMA

This is important for students in Year 11 and below

The International Baccalaureate (IB) Diploma is an internationally recognised two-year qualification based on subjects studied in years 12 and 13. It aims to give students a broad holistic qualification. It is assessed in six main subject areas as well as creativity, action and service (CAS – this looks at community service, sporting and cultural activities), theory of knowledge (TOK – this looks at the philosophy of how knowledge is used) and an extended essay (3000 words) in a subject of the student's choice. It is quite a difficult course, and students struggling with their subjects are advised not to do it.

In 2010 the IB Diploma was introduced by the College at year 12, which means that the current year 9 to 11 students will have a choice of doing either the IB or NCEA (it is not possible to do both).

The Diploma programme prepares students for university and encourages them to:

- ask challenging questions
- learn how to learn
- develop a strong sense of their own identity and culture
- develop the ability to communicate with and understand people from other countries and cultures.

If you are considering the IB Diploma programme the following are important:

- average or above average ability
- a sound record of achievement to date
- self motivated and a desire to be challenged
- independent learning skills
- good organisational and time management skills
- a desire to keep your options broad
- an interest in an international perspective.

In the IB Diploma there are six groups of subjects to choose from:

English | Foreign language | Humanities | Sciences | Maths | Arts

If a student is interested in doing the IB Diploma, then it will have some impact on his choice of subjects for 2012:

- English and maths are compulsory throughout the IB, and so students will have to study them in year 11 (as happens with NCEA).
- There has to be at least one science, and it should be an individual science (biology, chemistry or physics) rather than the general science course.
- There has to be at least one humanities subject (geography, history, economics or classics).
- In year 12 and 13, the IB student will have to study a foreign language, so either he continues with French and Japanese in year 11 with the idea of continuing through to years 12 and 13, or in year 12 he can start learning Spanish which means he doesn't have to do French or Japanese in year 11.
- In IB there is a block for the creative arts (film, visual art and music) but this is not compulsory and a student could, if he wanted, do a second science or a second humanity.
- A third science could replace the humanities option.

COURSE PLANNING FOR CAREERS

When choosing a course it is best to keep your subjects as broad as possible for as long as possible. Entry into many careers is not as dependent on course choice as it is on achievement levels. Below are a list of careers that students at Scots often enquire about and the subjects required. Some are compulsory (subjects in bold) and others are just recommended.

CAREER AREAS	LEVEL 1	LEVEL 2	LEVEL 3
Apprenticeships Many including chefs, electricians and carpenters	English Maths Science		
Armed Forces – Trades – Officer Training – Degree programmes	English Maths Science		80 -100 credits at Level three
Architecture	Maths Art and/or Graphics		<u>Auckland University</u> Combination of arts/sciences/maths. Portfolio of art work required. High Level 3 <u>Victoria University</u> Selects from intermediate year. Must have 2 subjects out of Calculus, statistics or physics. No portfolio required <u>Unitec</u> Portfolio required
Commerce Degree Students are able to commence accounting and economics at university without any subject knowledge.			Statistics Calculus (if majoring in economics) Accounting Economics <u>English rich subject is recommended</u>
Commerce/Business certificates and diplomas	Maths		
Computing/IT degree (computer studies useful but not required)		Maths Comp studies	Calculus and physics recommended
Dentistry (no intake direct from school) All applicants must complete the first year Bachelor of Health Science at Otago		Maths Biology Chemistry Physics	Biology, Chemistry, Physics Statistics or Calculus English or an <u>English rich subject</u>

CAREER AREAS	LEVEL 1	LEVEL 2	LEVEL 3
Design, Fine Arts and Visual Arts Elam (Auckland University) Ilam (Canterbury University) Massey University (Design)			2 Practical Art subjects History of Art recommended. Portfolio required Portfolio required. Min 2 art subjects <u>English or History of Art or History recommended</u> Portfolio required <u>Art or Design (with drawing).</u> <u>Other subjects recommended English, Classical Studies, History, Economics, Sciences, or Mathematics</u>
Engineering Degree			<u>Canterbury University</u> Calculus, Chemistry, Physics <u>Auckland University</u> Calculus, Physics <u>Victoria University</u> <u>Open entry although Calculus strongly recommended</u> <u>Massey University</u> Calculus, Physics & some courses require Chemistry
Food Science/Technology		Mathematics Chemistry Biology Physics	Physics Calculus Biology Chemistry
Forestry			English, Chemistry, Biology, Economics, Geography, Statistics are recommended
Education/Teaching		Maths, a science	English, "arts" subjects and/or maths/science
Law		English History Classics	English, History, Classics or other English rich subjects are recommended.

CAREER AREAS	LEVEL 1	LEVEL 2	LEVEL 3
Medicine (no intake direct from school) All applicants must complete the first year B. Health Science or Biomedical Science at either Otago or Auckland University		English Chemistry Biology Maths Physics	English (or English rich eg classics, history) is compulsory at Auckland University Chemistry , Physics, Biology, Statistics or Calculus Otago University Strongly recommend above subjects
Music NZ School of Music, Auckland University Entry by audition NZ School of Music, Victoria University	Music Recommended: English, History	Music Recommended: English, History, Classical Studies	Music Recommended: English, History, Classical Studies Jazz, Performance & Popular Music an audition is required Music Jazz, Performance & Classical Music an audition is required
Optometry		English Chemistry Biology Maths Physics	English Chemistry Biology Statistics Physics
Performing Arts Auckland University Entry by audition	English Drama	English Drama	English Drama
Pharmacy/physiotherapy – see Medicine			
Physical education degree		Biology English	English, Biology, Phys Ed highly recommended Chemistry useful
Pilot		Maths Physics Chemistry	Statistics, Physics Calculus, English
Police	Any	English	Any

CAREER AREAS	LEVEL 1	LEVEL 2	LEVEL 3
Radiotherapy		English Physics Maths	English Rich subject Physics or Biology Statistics or Calculus
Resource and environmental planning		English Maths Biology Geography	English Statistics Biology Geography
Surveying		Maths A science	Calculus, English are strongly recommended with Statistics, Physics & Geography recommended
Sports Degree	English Maths PE Science	English Maths PE A science	English PE A science
Technology Degree including majors in: biotechnology, chemical, food, industrial bioscience, industrial maths, info tech, optoelectronics, product development	English Maths Science	English Maths Biology Chemistry Physics	English Calculus Statistics Biology (depending on major) Chemistry Physics
Tourism There are no formal prerequisites. However the following subjects are recommended	English Maths Science Accounting Economics Geography Languages	English Maths Science Accounting Economics Geography Languages	English Maths Science Accounting Economics Geography Languages
Veterinary Science			Chemistry Biology Physics Statistics preferred

SOME USEFUL WEBSITES

Career Resource Centre	http://www.careers.org
CV writing	www.jobstar.org
Job Hunting	http://www.seek.co.nz
Monster Site	http://www.monster.com
Parachute Guide	http://www.jobhuntersbible.com/
Qualifications	www.nzqa.govt.nz
Riley Guide	http://www.rileyguide.com
Yahoo!	http://www.yahoo.com/business_and_economy/employment_and_work
Career services	www.careers.govt.nz
Australian Universities	www.esa.edu.au
UK study	www.educationuk.org or www.britishcouncil.org.nz
US study	www.fulbright.org.nz and www.collegeboard.com
US University database	www.utexas.edu/world/univ/alpha/

Please feel free to visit the careers room at anytime or make an appointment to see Mr de Graaff after school or at lunchtime.