St Leonard's College

An education for life.

Year 11 Course Guide 2019

stleonards.vic.edu.au

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Front cover
Charlotte Simpson, year 11 2017

Introduction

This booklet is designed to provide information on the courses available in year 11 in 2019 and year 12 in 2020. It should be read in conjunction with the VCE and IBDP Handbooks available on the College website, and provides a reference in the process where students make choices for their final two years of secondary education, laying a foundation for future work or study.

There are many choices to be made in developing the most appropriate course of studies for the future. Present year 10 students firstly have to choose between the International Baccalaureate Diploma Programme (IBDP) and the Victorian Certificate of Education (VCE) and then plan their program of study for the whole of the two years. In particular, students must ensure that the course selected provides the appropriate prerequisites for any planned tertiary course. Students will receive a great deal of advice and support in helping them to make these choices and they will also have opportunities to revise their path as they proceed through the program. Some of the choices offered may be unfamiliar to parents and students. For further advice please contact the Head of Careers.

This booklet explains the College's academic program. Other aspects of College life are also very important. A balance of the academic, social, sporting and spiritual elements of life is one of the key elements to success in years 11 and 12. All students are required to participate in a program of physical activities and/or school sport and there are many other opportunities in areas including outdoor education, music, theatre and community service. Students are expected to take part in the cocurricular programs offered by the College. It is our experience that students who become involved in these other aspects of school life enjoy the most academic success. Students and parents are urged to remain aware of the full potential of the program offered at St Leonard's College.

Overview

Following this introduction is a section on Careers/ Course Selection in year 10. This offers some examples of pathways that students may construct for a variety of future directions. It is important that each student constructs the course that best suits them.

A brief overview of the International Baccalaureate Diploma Programme is available including details of each of the subjects offered. The Victorian Certificate of Education is also outlined and each of the studies or subjects in the VCE is listed. There is a range of Units 3 and 4 subjects available for year 11 students and these are also noted in the VCE overview.

Individual detailed descriptions of the subjects and units on offer are not included in this booklet. These will be included in the VCE and IBDP Handbooks,

which will be available on the College website toward the end of term 2. Each course description includes details of the unit or subject, the structure of the course and some information about assessment, as well as some examples of some of the possible career options which that subject may support.

Students need to choose between the VCE or IBDP. Although changing between the two programs during or at the end of year 11 may be possible, students are advised to give careful consideration to the advantages of continuity within either course. Students who have studied a Unit 1/2 VCE subject in year 10 are not locked into the VCE program in years 11 and 12. These students can complete either the VCE or the IBDP.

Final decisions as to whether subjects proceed in 2019 will depend upon numbers and staffing.

Tertiary selection/prerequisites

Tertiary institutions will publish entry requirements for their courses for 2020 by July this year. Parents and students are directed to the VICTER 2019 Guide (the 2020 Guide will be available in July at www.vtac. edu.au and on the school Careers website) for details of tertiary entry requirements. In some studies, VCE Units 1 and/or 2 are prerequisite requirements for Units 3 and 4. As a consequence, subject information must be read carefully to ensure that the course chosen at year 11 will lead appropriately into the course planned for year 12 which in turn will form the basis of requirements for tertiary entrance.

Submitting subject selection

Students must complete the online selection procedure by Friday 27 July 2018. The selection receipt generated at the completion of the online selection must be returned to the Curriculum Office by Monday 30 July 2018.

Students intending to apply to undertake a VCE Unit 3/4 study in year 11 should also complete the Application Form for VCE Unit 3/4 Enrolment and attach it to their online selection receipt. This form will be available for collection from the Curriculum Office from Tuesday 18 July.

Students' individual choices for subjects and courses form the basis for our school timetable and changes later in the year may not be able to be accommodated.

If you have any queries please do not hesitate to contact me or one of the people listed below.

Robyn Marshall
Director of Learning Operations
robyn.marshall@stleonards.vic.edu.au

Key contacts

Careers advice
Mary Tattersall, Head of Careers
mary.tattersall@stleonards.vic.edu.au

Information regarding the VCE
Kim Webb, VCE Coordinator
kim.webb@stleonards.vic.edu.au

Information regarding the IBDP
Craig Rodgers, IBDP Coordinator
craig.rodgers@stleonards.vic.edu.au

Useful websites
www.stleonardscareers.com
www.vcaa.edu.au
www.ibo.org

Future Directions

Careers/Course Selection at year 10

Students have been well prepared to make subject choices for their final two years of secondary education. To better understand their interests, year 10 students completed the Career Fast Track program. They have also been introduced to a variety of resources . Details of the Victorian Certificate of Education and the International Baccalaureate Diploma Programme have been explained and during term 2 each student will have an interview with the Head of Careers about career and course planning. At the VCE/IBDP Information Evening outlines of the year 11 and 12 programs will be presented and students and parents will be able to speak with staff about the different subjects offered at the Subject Information Evening. They can access their own copy of the VICTER 2020 Guide at www.vtac.edu.au, which outlines subjects required for entrance to Victorian tertiary courses. On the school website students may also use the CourseLink program which will assist in putting a program together as well as a number of relevant resources to help with choices and decisions.

Samples of appropriate subjects for particular tertiary courses

Students may find the following samples of year 11 and 12 courses useful in constructing their individual course. These are given as a starting point only and students should ensure that their specific courses based on their own strengths, interests and appropriate tertiary requirements.

Please note that prerequisites required for university and TAFE entry into particular tertiary courses vary markedly. Check your VICTER Guide for prerequisites to particular tertiary institutions or speak with the Head of Careers.

Medicine

Students must complete an admissions test in their final year of school. Some universities may also interview students. Not many require Physics; some medicine courses require only English and Chemistry. Many students who are considering Medicine also consider applying interstate.

VCE

Semester 1	English 1	Mathematical Methods 1	Chemistry 1	Physics 1 or Biology 1	Humanities unit	Other choice
Semester 2	English 2	Mathematical Methods 2	Chemistry 2	Physics 2 or Biology 2	Humanities unit	Other choice
Semester 3	English 3	Mathematical Methods 3	Chemistry 3	Physics 3 or Biology 3	Humanities unit	
Semester 4	English 4	Mathematical Methods 4	Chemistry 4	Physics 4 or Biology 4	Humanities unit	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Chemistry plus Physics or Biology	Mathematics SL	Arts subject or additional subject from Group 2, 3 or 4

Engineering

Not all courses require Specialist or Higher Level Mathematics. Physics is commonly required, although some courses state Chemistry or Physics.

VCE

Semester 1	English 1	Mathematical Methods 1	Chemistry 1	Physics 1	General Mathematics - Specialist 1	Humanities unit
Semester 2	English 2	Mathematical Methods 2	Chemistry 2	Physics 2	General Mathematics - Specialist 2	Humanities unit
Semester 3	English 3	Mathematical Methods 3	Chemistry 3	Physics 3	General Mathematics - Specialist 3	
Semester 4	English 4	Mathematical Methods 4	Chemistry 4	Physics 4	General Mathematics - Specialist 4	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Chemistry or Biology	Mathematics HL	Arts subject or other choice

Arts and Law

The only year 12 prerequisite is English.

VCE

Semester 1	English 1	Mathematics 1	Legal Studies 1	Other choice	Other choice	Other choice
Semester 2	English 2	Mathematics 2	Legal Studies 2	Other choice	Other choice	Other choice
Semester 3	English 3	Other choice	Legal Studies 3	Other choice	Other choice	
Semester 4	English 4	Other choice	Legal Studies 4	Other choice	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Science	Mathematics	Arts subject

Biological Sciences

Prerequisites for some but not all tertiary courses include Biology, Chemistry and Mathematical Methods.

VCE

Semester 1	English 1	Mathematical Methods 1	Chemistry 1	Biology 1	Humanities unit	Other choice
Semester 2	English 2	Mathematical Methods 2	Chemistry 2	Biology 2	Humanities unit	Other choice
Semester 3	English 3	Mathematical Methods 3	Chemistry 3	Biology 3	Other choice	
Semester 4	English 4	Mathematical Methods 4	Chemistry 4	Biology 4	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Chemistry or Biology	Mathematics	Arts subject or other choice

Commerce

Year 12 prerequisites for Commerce courses include English and Mathematical Methods/Standard Level Mathematics for the University of Melbourne and Monash University. Other Commerce degrees do not require Mathematical Methods/Standard Level Mathematics.

VCE

Semester 1	English 1	Mathematical Methods 1	Other choice e.g. Economics 1	Other choice e.g. Business Management 1	Humanities unit	Other choice
Semester 2	English 2	Mathematical Methods 1	Other choice e.g. Economics 2	Other choice e.g. Business Management 2	Humanities unit	Other choice
Semester 3	English 3	Mathematical Methods 1	Other choice e.g. Economics 3	Other choice e.g. Business Management 3	Other choice	
Semester 4	English 4	Mathematical Methods 1	Other choice e.g. Economics 4	Other choice e.g. Business Management 4	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject e.g. Economics	Science	Mathematics	Arts subject or other choice

Business

Year 12 prerequisites include English and, for some courses, a Mathematics. You will need to check the specific institution for the Mathematics requirement.

VCE

Semester 1	English 1	General Mathematics/ Mathematical Methods 1	Other choice e.g. Economics 1	Other choice e.g. Business Management 1	Other choice	Other choice
Semester 2	English 2	General Mathematics/ Mathematical Methods 2	Other choice e.g. Economics 2	Other choice e.g. Business Management 2	Other choice	Other choice
Semester 3	English 3	General Mathematics/ Mathematical Methods 3	Other choice e.g. Economics 3	Other choice e.g. Business Management 3	Other choice	
Semester 4	English 4	General Mathematics/ Mathematical Methods 4	Other choice e.g. Economics 4	Other choice e.g. Business Management 4	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject e.g. Economics	Science	Mathematics	Arts subject or other choice

Visual Arts/Graphic Design

Selection criteria for these courses may include consideration of ATAR, folio and interview. Students may therefore benefit from studying at least one art subject for the VCE/IBDP. Some courses such as Industrial Design may require English, Mathematics and one of Visual Communication and Design/Studio Art or Physics. A folio is required at some institutions whereas others may rely only on ATAR.

VCE

Semester 1	English 1	Mathematics 1	Studio Arts 1	Visual Communication Design 1	Other choice	Other choice
Semester 2	English 2	Mathematics 2	Studio Arts 2	Visual Communication Design 2	Other choice	Other choice
Semester 3	English 3	Mathematics 3	Studio Arts 3	Visual Communication Design 3	Other choice	
Semester 4	English 4	Mathematics 4	Studio Arts 4	Visual Communication Design 4	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Science	Mathematics	Visual Arts

Performing Arts

Students are selected on audition, ATAR, or a combination of both.

VCE

Semester 1	English 1	Mathematics 1	Drama or Theatre Studies 1	Other Choice	Other choice	Other choice
Semester 2	English 2	Mathematics 2	Drama or Theatre Studies 2	Other Choice	Other choice	Other choice
Semester 3	English 3	Mathematics 3	Drama or Theatre Studies 3	Other Choice	Other choice	
Semester 4	English 4	Mathematics 4	Drama or Theatre Studies 4	Other Choice	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Science	Mathematics	Theatre

Computer Science/Information Technology

Prerequisites for most IT or computer courses include English and Mathematical Methods/Further Mathematics. Additional mathematics such as Specialist Mathematics or Physics may be preferred. VET Interactive Digital Media or Software Development might also be useful.

VCE

Semester 1	English 1	Mathematical Methods 1	VET Interactive Digital Media	Computing 1	Other choice	Other choice
Semester 2	English 2	Mathematical Methods 2	VET Interactive Digital Media	Computing 2	Other choice	Other choice
Semester 3	English 3	Mathematical Methods 3	VET Interactive Digital Media	Computing 3	Other choice	
Semester 4	English 4	Mathematical Methods 4	VET Interactive Digital Media	Computing 4	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Humanities subject	Science	Mathematics	Arts subject or other choice

Sports Management/Outdoor Education/Recreation Management/Sports or Exercise Science

These courses at the TAFE level in particular emphasise practical involvement in sport and recreation. Check the Mathematics requirements as these may vary. VET Community Recreation may also be subject worth considering.

VCE

Semester 1	English 1	General Mathematics/ Mathematical Methods 1	Biology 1	Physical Education or VET Community Recreation	Psychology or Health and Human Development 1	Other choice
Semester 2	English 2	General Mathematics/ Mathematical Methods 1	Biology 2	Physical Education or VET Community Recreation	Psychology or Health and Human Development 2	Other choice
Semester 3	English 3	General Mathematics/ Mathematical Methods 1	Biology 3	Physical Education or VET Community Recreation	Psychology or Health and Human Development 3	
Semester 4	English 4	General Mathematics/ Mathematical Methods 1	Biology 4	Physical Education VET Community Recreation	Psychology or Health and Human Development 4	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Geography, Economics or Humanities	Biology	Mathematics	Arts subject or other choice

Nursing

Mathematics requirements vary, but a minimum of Unit 1 and 2 Mathematics is usually required.

VCE

Semester 1	English 1	General Mathematics/ Mathematical Methods 1	Biology 1	Psychology or Health and Human Development or Physical Education 1	Other choice	Other choice
Semester 2	English 2	General Mathematics/ Mathematical Methods 2	Biology 2	Psychology or Health and Human Development or Physical Education 1	Other choice	Other choice
Semester 3	English 3	General Mathematics/ Mathematical Methods 3	Biology 3	Psychology or Health and Human Development or Physical Education 1	Other choice	
Semester 4	English 4	General Mathematics/ Mathematical Methods 4	Biology 4	Psychology or Health and Human Development or Physical Education 1	Other choice	

IBDP

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
English	Language	Psychology	Biology	Maths or Maths Studies	Arts subject or other choice

These sample courses should be carefully checked against prerequisites in the VICTER 2019/VICTER 2020 Guides and with the specific institutions. Visit www.vtac.edu.au for more information.

International Baccalaureate Diploma Programme

Background

The International Baccalaureate Diploma Programme is a two-year, internationally recognised pre-university course. The International Baccalaureate Organization (IBO) is an international, non-government body that has responsibility for setting the curriculum utilised by all participating schools.

The IBO emphasises a global perspective. On a practical level, IB Diploma holders are accepted for entry into leading universities throughout the world and at all Australian universities. The course also enables students who are internationally mobile to transfer their studies from one IB school to another. The IBDP is based on sound educational principles, offering students breadth and depth of study at an approachable level of challenge, and is excellent preparation for tertiary study.

In 1982 St Leonard's College became the first school in Victoria, and the second in Australia, to introduce the International Baccalaureate Diploma Programme.

Curriculum

The IBDP is a two-year course. The curriculum structure is based on a framework of subject choices from six designated groups together with three central compulsory components.

Subject choices

All of the subjects offered by the IBO for study by Diploma students at St Leonard's College are categorised into six groups:

Group 1	**Studies in Language and Literature** Language A - English, Chinese, Literature OR Language and Literature
Group 2	**Language Acquisition** Language B – Chinese, English, French, Indonesian Language ab initio – Spanish
Group 3	**Individuals and Societies** Economics, Geography, History, Psychology
Group 4	**Experimental Sciences** Biology, Chemistry, Physics, Sport Exercise and Health Science
Group 5	**Mathematics** Mathematics SL, Mathematics HL
Group 6	**The Arts** Visual Arts, Music, Theatre

Students are required to study six subjects. One subject is chosen from each of Groups 1 to 5. The sixth subject may be chosen from Group 6, or another subject from one of the other groups. Subjects offered as the sixth subject vary each year and are dependent on student numbers.

If a student chooses to study a subject via an external tutor, the associated costs will be at the expense of the parents.

Students can also study a limited range of courses via the online provider Pamoja Education. Students should speak to Mr Rodgers if they have an interest in studying an online course. Again this cost will be at the expense of the parents.

At least three, and not more than four subjects are taken at Higher Level (HL) and the others at Standard Level (SL). This allows for some subjects to be explored in depth (HL) and some more broadly over the two-year period (SL).

The three central components

Theory of Knowledge (ToK)

TOK is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. The TOK course examines how we know what we claim to know. It does this by encouraging students to analyse knowledge claims and explore knowledge questions. The task of TOK is to emphasize connections between areas of knowledge and link them to the knower in such a way that the knower can become aware of his or her own perspectives and those of the various groups whose knowledge he or she shares. TOK, therefore, explores both the personal and shared aspects of knowledge and investigates the relationships between them.

Creativity, Activity, Service (CAS)

The CAS component promotes the view that there are significant benefits in being involved in creative pursuits, physical activities and service projects. Participation in CAS encourages students to share their energies and special talents while developing awareness, concern and the ability to work cooperatively with others. Seven learning outcomes need to be addressed and expected participation in these cocurricular experiences should equate to approximately 150 hours over the two-year period.

Extended Essay

Each student is required to investigate a topic of special interest and write an extended essay of 4,000 words. This project provides students with research and writing skills that can be put to good use at university. Each student is supervised by a teacher who advises on resources and writing techniques.

Assessment

IBDP assessment involves a variety of methods including written examinations, spoken examinations, essays, portfolios, field work, science practical reports and internal assessment of coursework over the two years.

Responsibility for all academic judgements about the quality of candidates' work rests with IB Assistant Examiners worldwide, led by Chief Examiners who are international authorities in their fields.

The grading system

The IBDP grading system measures the students' submissions against a defined set of performance criteria that is used consistently from one examination session to the next and applied equally to all schools. Students' results are not influenced by how well other students perform.

Each of the six subjects is awarded a grade from 1 (minimum) to 7 (maximum). In addition, performance on the Extended Essay and in the Theory of Knowledge course can gain candidates up to three bonus points. Thus, the maximum possible score for the IB Diploma is 45 points. A Diploma is awarded to any candidate who achieves a minimum total of 24 points, subject to a series of conditions, which include satisfactory completion of the Extended Essay, the ToK course and the CAS program.

Students who do not reach this level are awarded a certificate that records their achievements. They are ineligible for an ATAR.

University accreditation

The IB Diploma is recognised by all Australian universities. Students completing the IBDP in 2019 and beginning tertiary studies in 2020 in any Australian State or Territory (except South Australia and the Northern Territory) will receive a Combined Rank measure of overall achievement comparable with the Australian Tertiary Admissions Rank (ATAR). This means that a Combined Rank of 92.45 equals an ATAR of 92.45. This rank is based on the overall result in the IB Diploma, with an aggregate of six IB subjects plus Theory of Knowledge and the Extended Essay, giving scores of up to 45.

The table below samples some of the conversions made in recent years.

IB Score	ATAR 2015	ATAR 2016	ATAR 2017
45	99.95	99.95	99.95
40	98.15	98.30	98.30
36	94.05	94.40	94.60
30	83.00	83.85	84.70
24	66.10	68.10	69.30

Why choose the IBDP?

The International Baccalaureate offers:

- Breadth: the course structure dictates a broad, well-rounded education
- Depth: students pursue strong personal interests through their Higher Level subjects and the Extended Essay

- An international perspective: the curriculum emphasises the international basis of knowledge and fosters an acceptance of alternative cultures and points of view
- Currency: each course within the IB Diploma Programme is reviewed every seven years, and all schools are involved in the process
- Personal growth: the course requires personal reflection and allows students to develop an awareness of the world-wide community of thinkers and learners

Above all, education does not stop at the completion of year 12. A vast majority of St Leonard's College students go on to tertiary studies and the IB Diploma Programme offers an excellent preparation for the demands of life at university. The academic rigour of the Higher Level subjects, the depth of research in the Extended Essay, the reflective nature of the Theory of Knowledge course and the service component of the CAS program forge an independence that holds students in good stead for whatever studies they pursue in the future.

Additional charges for International Baccalaureate Diploma Programme students

Annual subscription charges for IBDP students are paid to the International Baccalaureate Organization. The additional tuition fee, levied in both years 11 and 12, covers student registration and associated costs for the IBDP exams, as well as the four-day Theory of Knowledge camp in year 11. In year 12, IBDP students are charged to sit the General Achievement Test (GAT). Details of the levy can be found in the Information Handbook available on the College website and STL Link.

For more information regarding the IBDP please contact Craig Rodgers, IBDP Coordinator.
craig.rodgers@stleonards.vic.edu.au
9909 9597

In addition, consider speaking to students currently enrolled in the IBDP at St Leonard's College.

Victorian Certificate of Education

The Victorian Curriculum and Assessment Authority (VCAA), is responsible for the development, accreditation and evaluation of courses as well as the assessment and certification of student performance in the Victorian Certificate of Education (VCE). Students embarking on their VCE in 2019 will be joining over 130,000 students throughout Australia and Internationally for their final two years of secondary education.

Your VCE program at St Leonard's

A VCE student program will normally be made up of 22 units completed over two years. St Leonard's College students will normally take 12 units (six subjects) in year 11 and 10 units (five subjects) in year 12.

There are a number Vocational Education and Training (VET) subjects available, most of which are delivered by Holmesglen TAFE and one by St Leonard's College (Creative and Digital Media), dependent upon numbers. Students may choose up to two as part of their VCE program.

Satisfactory completion

To successfully complete the VCE you must satisfactorily complete at least 16 units, which must include:

- Three units of English
- A sequence of Units 3 and 4 in three studies additional to the English requirement

A minimum of 80% attendance in all units is also required for satisfactory completion. Students will be required to demonstrate that they have achieved the learning outcomes prescribed for each subject and met the minimum standards of achievement. This will apply to all Units 1 to 4.

Assessment in the VCE

Assessments in Units 1 and 2 are school-based. The forms of assessment will be similar to those undertaken in Units 3 and 4. Some information is given in the VCE Handbook available on the College website, and more specific details for each unit will be given as students begin their courses next year.

For Units 3 and 4 the VCE contains three types of assessment:

- School-assessed coursework (SACs) in all studies except Studio Arts
- School-assessed tasks (SATs) for Food and Technology, IT Software Development, Media, Studio Arts, and Visual Communication Design
- Examinations

School-based assessments will be completed mainly in class or during specifically nominated after-school times or study periods and completed within a limited timeframe. Each item of coursework will be based on learning outcomes, which define what the student should know and be able to demonstrate as a result of their study.

Most studies will have three graded assessments in each Unit 3 and 4 sequence, including at least one examination.

Unit 3 and 4 subjects

Students may take certain Unit 3 and 4 subjects in year 11. This gives the student the opportunity to gain some points towards tertiary selection in their year 11 studies as well as providing experience with one year 12 subject before tackling five in the following year. Subjects commonly taken are Biology, Business Management, Geography, Global Politics, Health and Human Development, Legal Studies, Physical Education and Psychology. Other Unit 3 and 4 subjects may be taken under special circumstances. Students must gain approval to study a Unit 3/4 subject in year 11 and selection is based on year 10 progress, performance and study habits. Students must complete the Application Form for VCE Unit 3/4 Enrolment.

University studies with your VCE

During the second year of your VCE course (year 12), a range of first-year university subjects is available through enhancement or extension studies programs offered by some universities. In any one year, fewer than 2% of VCE students are eligible for such programs. These studies are taken as part of a full VCE program. To be eligible you must have achieved a very strong study score in a "preparatory study" (Unit 3/4 study if applicable) in year 11 and your academic performance in all subjects must be well above average. Please speak with the VCE Coordinator or Head of Careers if you are interested in these programs.

VCE Studies

Australian and Global Politics

Unit 1:The national citizen	Unit 2: The global citizen	Unit 3: Global actors	Unit 4: Global challenges

Biology

Unit 1: How do living things stay alive?	Unit 2: How is continuity of life maintained?	Unit 3: How do cells maintain life?	Unit 4: How does life change and respond to challenges over time?

Business Management

Unit 1: Planning a business	Unit 2: Establishing a business	Unit 3: Managing a business	Unit 4: Transforming a business

Chemistry

Unit 1: How can the diversity of materials be explained?	Unit 2: The chemistry of water	Unit 3: How can chemical processes be designed to optimise efficiency?	Unit 4: How are organic compounds categorised, analysed and used?

Chinese Language, Culture and Society

Unit 1: Culture and society in Chinese speaking communities; Chinese language	Unit 2: Culture and society in Chinese speaking communities; Chinese language

Chinese First Language

Unit 1: Self and others	Unit 2: Traditions and change in Chinese speaking communities	Unit 3: Chinese First Language	Unit 4: Chinese First Language

Computing

Unit 1: Data, networks, collaboration and communication	Unit 2: Programming and data management	Unit 3: Programming practice, analysis and design	Unit 4: Software solutions, interactions and impact

Drama

Unit 1: Dramatic story-telling	Unit 2: Non-naturalistic Australian drama	Unit 3: Devised non-naturalistic ensemble performance	Unit 4: Non-naturalistic solo performance

Economics

Unit 1: The behaviour of consumers and businesses	Unit 2: Contemporary economic issues	Unit 3: Australia's economic prosperity	Unit 4: Managing the economy

English/English as Additional Language (EAL)

Unit 1: Reading and creating texts; analysing and presenting argument	Unit 2: Reading and comparing texts; analysing and presenting argument	Unit 3: Reading and creating texts; analysing argument	Unit 4: Reading and comparing texts; presenting argument

Food Studies

Unit 1: Food origins	Unit 2: Food makers	Unit 3: Food in daily life	Unit 4: Food issues, challenges and futures

French

Unit 1: Topics of interest	Unit 2: Tourism, society and customs	Unit 3: Understanding the traditional way of life	Unit 4: Exploring the written and oral language

Geography

Unit 1: Hazards and disasters	Unit 2: Tourism	Unit 3: Changing the land	Unit 4: Human population - trends and issues

Health and Human Development

Unit 1: Health and development of Australia's youth	Unit 2: Individual human development and health issues	Unit 3: Australia's health	Unit 4: Global health and human development

History

Unit 1: Twentieth Century history (1918-1939)	Unit 2: Twentieth Century history (1945-2000)	Unit 3: Revolutions - The French Revolution	Unit 4: Revolutions - The American or Russian Revolution
		Unit 3: Australian History - Colonies and conflict	Unit 4: Australian History - Challenge and transformation

Indonesian

Unit 1: Topics relevant to the lives of young people	Unit 2: Cultural diversity, tradition and historical background	Unit 3: Health and wellbeing; stresses and pressures; work and careers; Westernisation	Unit 4: Social problems in Indonesia or other current issues

Legal Studies

Unit 1: Guilt and liability	Unit 2: Sanctions, remedies and rights	Unit 3: Rights and justice	Unit 4: The people and the law

Literature

Unit 1: Approaches to literature	Unit 2: Contexts and connections	Unit 3: Adaptations and transformations; views, values and contexts; considering alternative viewpoints	Unit 4: Creative response to texts; close analysis of texts

Mathematics

Unit 1: Foundation Mathematics	Unit 2: Foundation Mathematics		
Unit 1: General Mathematics	Unit 2: General Mathematics	Unit 3: Further Mathematics	Unit 4: Further Mathematics
Unit 1: Mathematical Methods	Unit 2: Mathematical Methods	Unit 3: Mathematical Methods	Unit 4: Mathematical Methods
Unit 1: Specialist Mathematics	Unit 2: Specialist Mathematics	Unit 3: Specialist Mathematics	Unit 4: Specialist Mathematics

Media

Unit 1: Representation and technologies of representation	Unit 2: Media production and the media industry	Unit 3: Narrative and media production design	Unit 4: Media: process, influence and society's values

Music

Unit 1: Music Performance	Unit 2: Music Performance	Unit 3: Music Performance	Unit 4: Music Performance
		Unit 3: Music Investigation	Unit 4: Music Investigation

Outdoor and Environmental Studies

Unit 1: Exploring outdoor experiences	Unit 2: Discovering outdoor environments	Unit 3: Relationships with outdoor environments	Unit 4: Sustainable outdoor relationships

Philosophy

Unit 1: Existence, knowl-edge and reasoning	Unit 2: Questions of value	Unit 3: Minds, bodies and persons	Unit 4: The good life

Physical Education

Unit 1: The human body in motion	Unit 2: Physical activity, sport and society	Unit 3: Movement skills and energy for physical activity	Unit 4: Training to improve performance

Physics

Unit 1: What ideas explain the physical world?	Unit 2: What do experiments reveal about the physical world?	Unit 3: How do fields explain motions and electricity?	Unit 4: How can two contradictory models explain both light and matter?

Psychology

Unit 1: How are behaviour and mental processes shaped?	Unit 2: How do external factors influence behaviour and mental processes?	Unit 3: How does experience affect behaviour and mental processes?	Unit 4: How is wellbeing developed and maintained?

Studio Arts

Unit 1: Studio inspiration and techniques	Unit 2: Studio exploration and concepts	Unit 3: Studio practices and processes	Unit 4: Studio practice and art industry contexts

Theatre Studies

Unit 1: Pre-modern theatre	Unit 2: Modern theatre	Unit 3: Playscript interpretation	Unit 4: Performance interpretation

Visual Communication Design

Unit 1: Introduction to visual communication design	Unit 2: Application of visual communication design	Unit 3: Visual communication design practices	Unit 4: Visual communication design development, evaluation and presentation

VCE/VET Studies

These subjects will be scored if they have written exam at the end of year 12 or unscored if they do not have a written exam. Both scored and unscored VET subjects contribute to a student's ATAR. These are two year courses and credit towardsthe ATAR requires completion of the course.

Hospitality Certificate II

Certificate	Certificate	Certificate	Certificate

Creative and Digital Media Certificate III

Certificate	Certificate	Certificate	Certificate

Events Certificate III

Certificate	Certificate	Certificate	Certificate

Other VET subjects include

- Certificate III Screen and Media
- Certificate III Community Services
- Certificate III Laboratory Skills
- Certificate III in Information, Digital Media and Technology
- Certificate III in Sport and Recreation
- Certificate II in Hospitality
- Certificate II in Engineering
- Certificate III in Allied Health Assistance
- Certificate III in Tourism
- Certificate III in Events
- Certificate II in Electrotechnology
- Certificate III in Early Childhood Education and Care
- Certificate III in Applied Fashion Design
- Certificate III in Building and Construction

Note: Unit availability is subject to adequate student numbers.

Key

Units that you can do singly or as a sequence

Units that must be done as a sequence

Studies for which it is recommended you do Unit 1 and/or 2 before attempting Units 3 and 4 (or have equivalent experience or be willing to do some preparatory work).

VCAA requires that three sequences of Units 3 and 4, other than English, are completed.

Glossary of Common Terms

ATAR	Australian Tertiary Admissions Rank. This is calculated by VTAC for each student as a percentile indication of the student's overall level of achievement, based on the student's scaled study scores. Put simply, it is a measure (as a percentage) of how well the student performed compared to other students undertaking the VCE in that year. It is used by universities and TAFE institutes to select students for their courses.
CAS	Creativity, Activity and Service – a compulsory component of the IBDP.
Enhancement studies	A university subject completed by a year 12 student. This subject can contribute towards the ATAR. For more information, please contact the Head of Careers or the Director of Curriculum.
GAT	General Achievement Test - completed by all VCE students doing a Unit 3 and 4 sequence and IB students in their final year. It is used as part of statistical moderation of coursework in the VCE and to assist in developing a notional ATAR for IB students.
IBDP	International Baccalaureate Diploma Programme. Visit www.ibo.org for more information.
Notional ATAR	The percentile ranking developed from an IB student's Diploma score and converted to an equivalent ATAR for tertiary entry.
Outcomes	What the student must know, or be able to do, by the time they have finished a VCE unit.
Prerequisite	A specifically required VCE unit or IB subject that needs to be successfully completed for selection into a tertiary course.
Satisfactory completion	This means the student has achieved the outcomes for the VCE unit, hence obtaining an "S" for the unit. If the unit is not satisfactorily completed then an "N" is awarded for the unit.
School-assessed coursework (SAC)	School based assessment for VCE Units 3 and 4 consisting of a set of assessment tasks (ATs) assessing the student's achievement of Units 3 and 4 outcomes.
School-assessed task (SAT)	A task done in school in some studies to assess how the student is performing in VCE Units 3 and 4. They are set and marked by teachers according to VCAA specifications.
Studies	The subjects available in the VCE.
Study score	A score from zero to 50 representing how the student has performed in a study, relative to all other students doing that same study. It is based on results of school assessments and external examinations.
ToK	Theory of Knowledge - a compulsory component of the IB Diploma Programme.
Units	The semester length components of a VCE study. There are usually four units in a study, numbered 1, 2, 3 and 4.
VCAA	The Victorian Curriculum and Assessment Authority. www.vcaa.vic.edu.au
VCE	Victorian Certificate of Education
VICTER 2019	A guide (available at www.vtac.edu.au) produced by the Victorian Tertiary Admissions Centre which contains information on all tertiary courses and prerequisites.
VTAC	The Victorian Tertiary Admissions Centre, responsible for the selection system for Victorian Universities and TAFE Colleges. It sorts students into rank order and supplies lists to course selection authorities within universities/TAFE colleges. Selection authorities then notify VTAC about who has been selected for particular courses. www.vtac.edu.au

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