

# Year 11

## Subject Selection Guide



**SANDRINGHAM  
COLLEGE**

This booklet is designed to provide information and support on the subject choices available to Year 11 students in 2021. Choosing subjects is an important process for the beginning of your VCE and lays the foundation for future study and work. The following information may assist you in selecting a program that suits your goals.

## **When picking subjects for VCE, think about:**

Where you would like to be and then choose subjects that will get you there.

**OR**

If you do not know what you want to do in the future choose subjects that will keep your options open.

### **Reasons for selecting a subject**

- 1. Choose a subject you love
- 2. Choose a subject you are good at
- 3. Choose a subject that you need for a pre-requisite for a university course.

### **Reasons for NOT selecting a subject**

- 1. Choose a subject because your friends are doing it
- 2. Choose a subject because you like the teacher
- 3. Choose a subject as it is 'scaled up'.

### **If you keep these points in mind then you will:**

Choose subjects that are necessary or best to help you achieve your goals.

Choose subjects that will help you develop skills in areas that interest you.

Do a little investigating into the types of tertiary programs required for your area of interest. Certain VCE subjects may be prerequisites for a course. Others courses may require a selection tasks or a folio.

Remember to follow your own interests. Some students fall into the trap of selecting subjects they think will reward them with a high ATAR score.

The table below will give you an overview of course areas, prerequisites and an introduction into the range of tertiary institutions in Victoria.

The remaining resources will assist you in collecting information about subjects and their link to occupations, as well as providing detailed course information.

## IMPORTANT SUBJECTS FOR TERTIARY STUDY IN VICTORIA

The list below is by no means complete but is certainly a simple guide to the majority of courses in courses at all Victorian Universities, and a number of TAFE's. It is important that students seek individual guidance specific to their interests and verify subject requirements.

COURSES	PRE-REQUISITE VCE SUBJECTS FOR MANY OF THESE AREAS	INSTITUTIONS OFFERING A RANGE OF THESE COURSES
ARTS / PSYCHOLOGY / LAW / GLOBAL STUDIES / INTERNATIONAL STUDIES / CRIMINOLOGY / MEDIA & COMMUNICATION / JOURNALISM / JUSTICE STUDIES / CYBERSECURITY	English / English Language / Literature / EAL	ACU, CQU, Deakin College, Deakin, Federation, Holmesglen Institute, LT, La Trobe, MC, Monash, MP, RMIT, Swinburne, Uni Melbourne, VU
AVIATION / AVIATION TECHNOLOGY / AVIATION MANAGEMENT / CABIN CREW	English / English Language / Literature / EAL Maths, preferably Maths Methods	RMIT, Swinburne, WAI
BIOMEDICINE / BIOMEDICAL SCIENCE / APPLIED CHEMISTRY / BIOLOGICAL SCIENCES / LABORATORY MEDICINE	English / English Language / Literature / EAL Chemistry One of Maths Methods, Biology, Physics or Specialist Maths	ACU, Box Hill Institute, Deakin, Federation, Holmesglen Institute, LT, La Trobe, Monash, RMIT, Swinburne, Uni Melbourne, VU
BIOLOGICAL SCIENCES / BIOTECHNOLOGY / BIOSCIENCE / MEDICAL BIOSCIENCE / FORENSIC SCIENCE / GEOSCIENCE / BIOSECURITY	English / English Language / Literature / EAL Further Maths or Maths Methods Chemistry One of Biology, Physics, Geography, Psychology, Health & Human, Information Technology, Physical Education or Specialist Maths	Box Hill Institute, CQU, CSU, Deakin, Federation, LT, La Trobe, Monash, RMIT, Swinburne, Uni Melbourne (through another degree), VU
BUILDING & CONSTRUCTION / ARCHITECTURE INDUSTRIAL DESIGN / URBAN PLANNING / PROPERTY SURVEYING / GEOSPATIAL SCIENCE	English / English Language / Literature / EAL Further Maths or Maths Methods	Box Hill Institute, Deakin College, Deakin, Federation, Holmesglen Institute, La Trobe, Monash, MP, RMIT, Swinburne, Uni Melbourne (through another degree), VU
BUSINESS / ACCOUNTING / FINANCE / MARKETING / MANAGEMENT / HOSPITALITY MANAGEMENT / HR / PR / EVENT MANAGEMENT / LOGISTICS	English / English Language / Literature / EAL Maths (Further or Maths Methods)	ACU, AMC, Box Hill Institute, CQU, CSU, Deakin College, Deakin, Federation, Holmesglen Institute, LT, La Trobe, MC, Monash, MP, RMIT, Swinburne, Uni Melbourne (through another degree), VU, WAI
COMMERCE / ECONOMICS / PROJECT MANAGEMENT / ACTUARIAL	English / English Language / Literature / EAL Maths Methods or Specialist Maths	ACU, Box Hill Institute, CSU, Deakin College, Deakin, Federation, La Trobe, MC, Monash, RMIT, Swinburne, Uni Melbourne
DANCE / DRAMA / PERFORMING ARTS / MUSIC / ANIMATION & MOTION / FILM & TELEVISION	English / English Language / Literature / EAL	ACU, Box Hill Institute, Deakin College, Deakin, Federation, Holmesglen Institute, La Trobe, Monash, MP, RMIT, Swinburne, Uni Melbourne

DENTISTRY / ORAL HEALTH / MEDICINE / OPTOMETRY / PHYSIOTHERAPY / PHARMACY / ORTHOPTICS / PROSTHETICS / ORTHOTICS / OCCUPATIONAL THERAPY / PODIATRY / CHIROPRACTIC / MEDICAL IMAGING & RADIATIONS / OSTEOPATHY / SPEECH PATHOLOGY	English / English Language / Literature / EAL One or two of Biology, Chemistry, Health & Human, Psychology, Physics, Physical Education, Further Maths, Maths Methods or Specialist Maths	ACU, CQU, CSU, Deakin, Federation, La Trobe, Monash, RMIT, Uni Melbourne (through another degree), VU
ENGINEERING	English / English Language / Literature / EAL Maths Methods or Specialist Maths One or both of Physics, Chemistry	AMC, Deakin College, Deakin, Federation, LT, La Trobe, MC, Monash, MP, RMIT, Swinburne, Uni Melbourne (through another degree), VU
EXERCISE SCIENCE / SPORT SCIENCE / HIGH PERFORMANCE SPORT / HUMAN MOVEMENT / SPORT DEVELOPMENT / SPORT MANAGEMENT	English / English Language / Literature / EAL One or two of Maths (any), Physics, Chemistry, Biology, Physical Education, Outdoor Education, Health & Human, or Psychology	ACU, Box Hill Institute, Deakin, Federation, Holmesglen Institute, La Trobe, RMIT, Swinburne, VU
HEALTH SCIENCES / PUBLIC HEALTH / HEALTH INFORMATION MANAGEMENT / OCCUPATIONAL HEALTH & SAFETY / ALLIED HEALTH	English / English Language / Literature / EAL One of Biology, Chemistry, Maths (any), Physical Education, or Physics	ACU, CQU, CSU, Deakin College, Deakin, Federation, Holmesglen Institute, LT, La Trobe, Monash, RMIT, Swinburne, VU
INFORMATION TECHNOLOGY / COMPUTER SCIENCE / BUSINESS INFORMATION SYSTEMS / GAMES DESIGN & PROGRAMMING / SOFTWARE DEVELOPMENT / ANIMATION / WEBSITE DESIGN	English / English Language / Literature / EAL Maths (some courses require Maths Methods specifically)	Box Hill Institute, CQU, CSU, Deakin College, Deakin, Federation, Holmesglen Institute, LT, La Trobe, MC, Monash, MP, RMIT, Swinburne, Uni Melbourne (through another degree), VU
NURSING / MIDWIFERY / PARAMEDICINE	English / English Language / Literature / EAL Maths (some courses require Maths Methods specifically)	ACU, Box Hill Institute, CSU, Deakin, Federation, Holmesglen Institute, La Trobe, Monash, RMIT, Swinburne, VU
NUTRITION / FOOD SCIENCES / FOOD SCIENCE & TECHNOLOGY / AGRICULTURAL SCIENCES / COMMERCIAL COOKERY / PATISSERIE	English / English Language / Literature / EAL Maths (some courses require Maths Methods specifically) Chemistry	ACU, Box Hill Institute, Deakin, Federation, Holmesglen Institute, La Trobe, Monash, MP, RMIT, Uni Melbourne (through another degree), VU, WAI
SCIENCE / APPLIED SCIENCE / NANOTECHNOLOGY / LABORATORY TECHNOLOGY / PSYCHOPHYSIOLOGY / LABORATORY MEDICINE	English / English Language / Literature / EAL Maths Methods One of Biology, Chemistry, Physics, Geography, Psychology or Specialist Maths	Box Hill Institute, CSU, Deakin College, Deakin, Federation, La Trobe, MC, Monash, RMIT, Swinburne, Uni Melbourne, VU

PRIMARY TEACHING / SECONDARY TEACHING / PHYSICAL EDUCATION / SPORT & OUTDOOR RECREATION / EARLY CHILDHOOD EDUCATION	English / English Language / Literature / EAL Units 1 & 2 in General Maths or Maths Methods Units 3 & 4 Maths Methods IF planning to teach Maths one day One or two of Biology, Chemistry, Physical Education, Outdoor & Environmental Studies or Health & Human Development	ACU, Box Hill Institute, CSU, Deakin, Federation, Holmesglen Institute, La Trobe, MC, Monash, MP, RMIT, Swinburne, Uni Melbourne (through another degree), VU
SOCIAL SCIENCES / SOCIAL WORK / HUMAN SERVICES / YOUTH WORK / COUNSELLING	English / English Language / Literature / EAL	ACU, Box Hill Institute, CQU, Deakin, Federation, La Trobe, Monash, RMIT, Swinburne, VU
VETERINARY SCIENCE / ANIMAL & VETERINARY BIOSCIENCE / WILDLIFE & CONSERVATION / ZOOLOGY / ENVIRONMENTAL SCIENCE / MARINE	English / English Language / Literature / EAL Chemistry One of Maths Methods, Physics, Biology, Geography, Psychology	Box Hill Institute, CSU, Deakin, Federation, LT, La Trobe, Monash, MP, RMIT, Uni Melbourne (through another degree), VU
VISUAL ARTS / GRAPHIC DESIGN / ILLUSTRATION / FASHION TECHNOLOGY / DESIGN / MULTIMEDIA	English / English Language / Literature / EAL One of Art, Studio Arts or Visual Communication & Design	ACU, Box Hill Institute, Deakin College, Deakin, Federation, Holmesglen Institute, Monash, MC, MP, RMIT, Swinburne, Uni Melbourne, VU

## USEFUL LINKS

**Myfuture link** – is a website where you can research a range of occupations to identify the skills, qualities and responsibilities required for that job. The site will also list related occupations.

<https://myfuture.edu.au/>

**Bullseye charts links** – a quick way to identify jobs that relate to your areas of interest and the educational level required for that job. All you have to do is select a learning area, no log in required.

<https://myfuture.edu.au/bullseyes>



**Compass Careers folder link** - provides a user friendly set of matrices related to university courses, prerequisites and ATAR's. The link below will take you to Parent and Student access. Click on Careers and then open the Course Information folder.

<https://sandringhamschool.vic.compass.education/Communicate/SchoolDocumentation.aspx>

**VTAC link** – The Victorian Tertiary and Admissions Centre provides a course search option. You can search an interest area and get information on tertiary courses and prerequisites

<https://delta.vtac.edu.au/CourseSearch/searchguide.htm?ap=16>

## Examples of Pathway programs

Examples of possible course programs for certain interest areas. Any prerequisites are listed first and all other subject blocks provide a choice. It is important that each student constructs the course that best suits them.

**Engineering** (degrees must include Maths and either Physics or Chemistry)

<b>Year 11</b>	English	Maths Methods	Physics Or Chemistry	Chemistry Or Other Choice	VCD Or Other Choice	Other Choice
<b>Year 12</b>	Continue English	Maths Methods	Physics Or Chemistry	Chemistry Or Other Choice	VCD Or Other Choice	

**Medicine** (degrees must include at least Maths Methods and some require Chemistry)

<b>Year 11</b>	English	Maths Methods Or Specialist	Chemistry	Physics Or Other Choice	Biology or Other Choice	Other Choice
<b>Year 12</b>	Continue English	Maths Methods Or Specialist	Chemistry	Physics Or Other Choice	Biology Or Other Choice	

**Business/Finance** (most degrees include Maths, you should always do the highest maths you can)

<b>Year 11</b>	English	Maths Methods Or General Maths	Accounting Or Other Choice	Business Management Or Other Choice	Other Choice	Other Choice
<b>Year 12</b>	Continue English	Maths Methods Or Further Maths	Accounting Or Other Choice	Business Management Or Other Choice	Other Choice	

### Information Technology

Year 11	English	Any Maths	Computing Or Other Choice	VET Gaming or Other Choice	Other Choice	Other Choice
Year 12	Continue English	Any Maths	Computing Or Other Choice	VET Gaming or Other Choice	Other Choice	

### Fashion

Year 11	English	VET Fashion or Other Choice	Studio Arts Or Other Choice	Business Management or Other Choice	Any Maths Or Other Choice	Other Choice
Year 12	Continue English	VET Fashion or Other Choice	Studio Arts Or Other Choice	Business Management or Other Choice	Any Maths Or Other Choice	

### Arts/Law

Year 11	English	Legal Studies or Other Choice	Global Politics Or Other Choice	Sociology or Other Choice	Any Maths Or Other Choice	Other Choice
Year 12	Continue English	Legal Studies or Other Choice	Global Politics Or Other Choice	Sociology or Other Choice	Any Maths Or Other Choice	

### Building/surveying

Year 11	English	Highest Maths you can do	VET Building Or Other Choice	Business Management or Other Choice	VCD Or Other Choice	Other Choice
Year 12	Continue English	Highest Maths you can do	VET Building Or Other Choice	Business Management or Other Choice	VCD Or Other Choice	