



Year 11, 2026 Future Planning Evening

Mark Goreham
Head of Teaching and Learning



Key People



Mark Goreham- Head of Teaching & Learning

Liana Hockenhull- SACE Coordinator

Belinda Sorensen, Sam Smith, Janet Rainey- Careers & VET
Coordinators

Heads of Faculty



What is the SACE?



- **SACE** acronym for **S**outh **A**ustralian **C**ertificate of **E**ducation
- Secondary school completion certificate in SA
- Internationally recognised
- Helps lead to work, training, or further study
- Recognises learning and skills both in and outside school
- You get credit for other academic studies, vocational training, skilled work and community learning



How do I get my SACE?



1. Gain 200 credits (minimum)

Including

2. Pass compulsory subjects (C- or better)

- Exploring Identities & Futures (EIF)
- 1 semester of Stage 1 Mathematics
- 2 semesters of Stage 1 English
- Activating Identities and Futures (AIF)



Minimum 200 credits?



10 SACE credits for every **semester subject** completed at Stage 1 & Stage 2

- **Stage 1** = Year 11 level
- **Stage 2** = Year 12 level

How many credits do you need at each level? (For SACE completion only)

130 Stage 1 credits
(Equivalent of 13 single semester subjects)

70 Stage 2 credits
(3 ½ whole year subjects)

NB - To get an ATAR most people need MORE than 200 credits





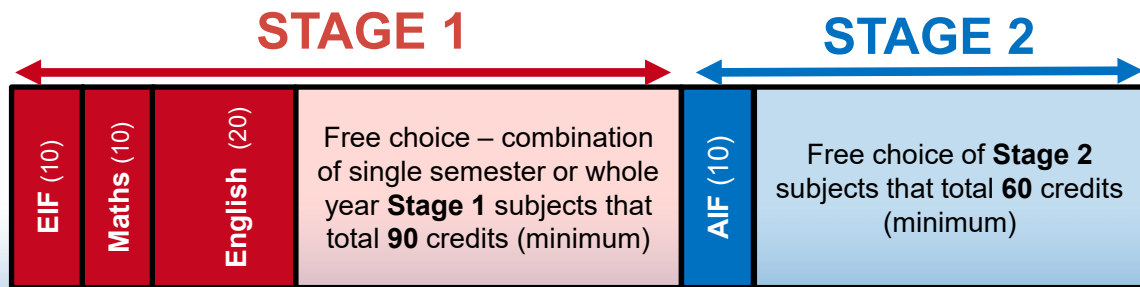
How do I get 200_(min) credits?

✓ Pass compulsory subjects

(10 credits Stage 1 EIF, 10 credits Stage 1 Maths, 20 credits Stage 1 English, 10 credits Stage 2 AIF)

✓ Free choice for all remaining credits

(minimum is 90 extra credits at Stage 1 and 60 extra credits at Stage 2)





Common SACE questions...

Can students get more than 200 SACE credits? Yes, often

How and why?

- All Year 10 students do Stage 1 EIF and then a semester of Stage 1 Integrated Learning in Year 10
- Yr 10 students sometimes select Stage 1 subjects for electives (subject to meeting pre-requisites)
- To pursue a broad range of subjects in Year 11 to work out what they enjoy doing the most before Yr 12
- You can get SACE credits for other things that you do outside of the classroom (VET courses, Duke of Edinburgh awards, approved AMEB music exams, community learning, etc)

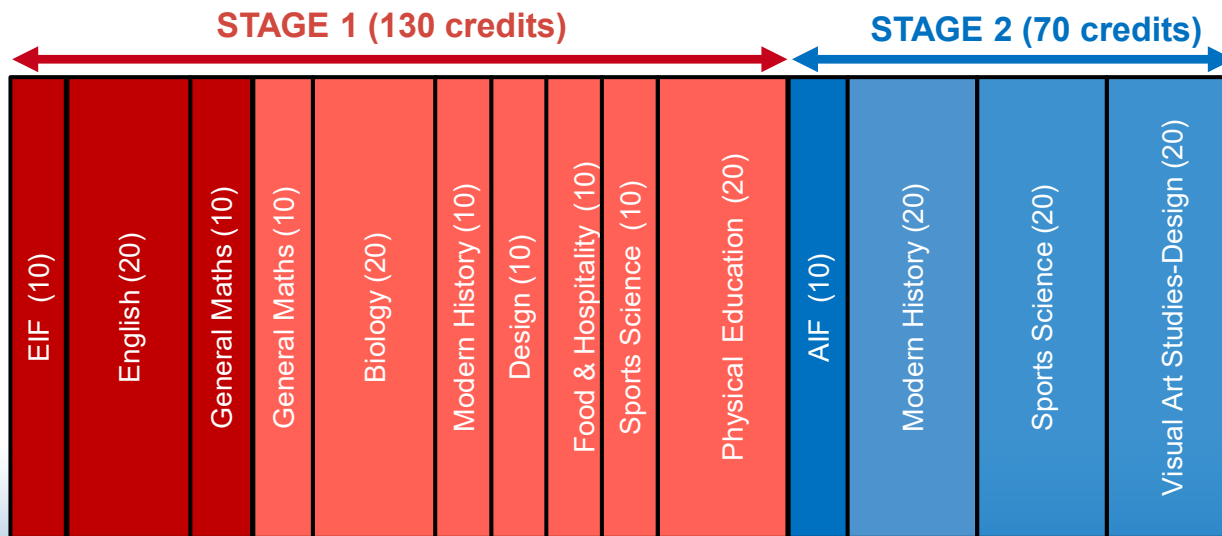
Are more SACE credits better? No, but it can allow students to experience a wider range of subjects before they choose their final Stage 2 subjects, which then determine the ATAR.

Can Stage 2 credits replace Stage 1 credits? Yes, but not the other way around (see next slide)



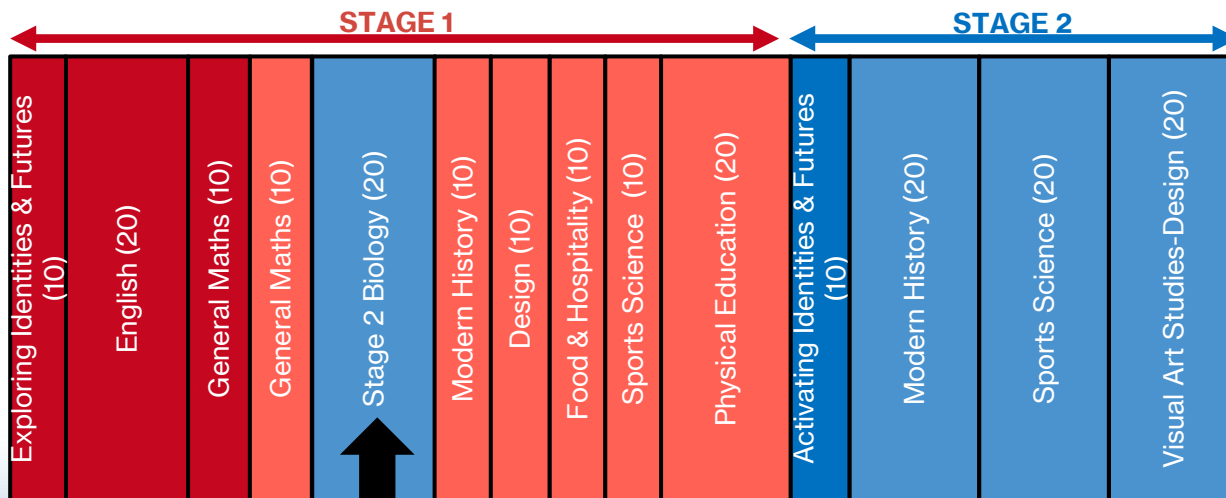


Example of SACE completion #1





Example SACE completion #2



Stage 2 Biology could be used for Stage 1 credits



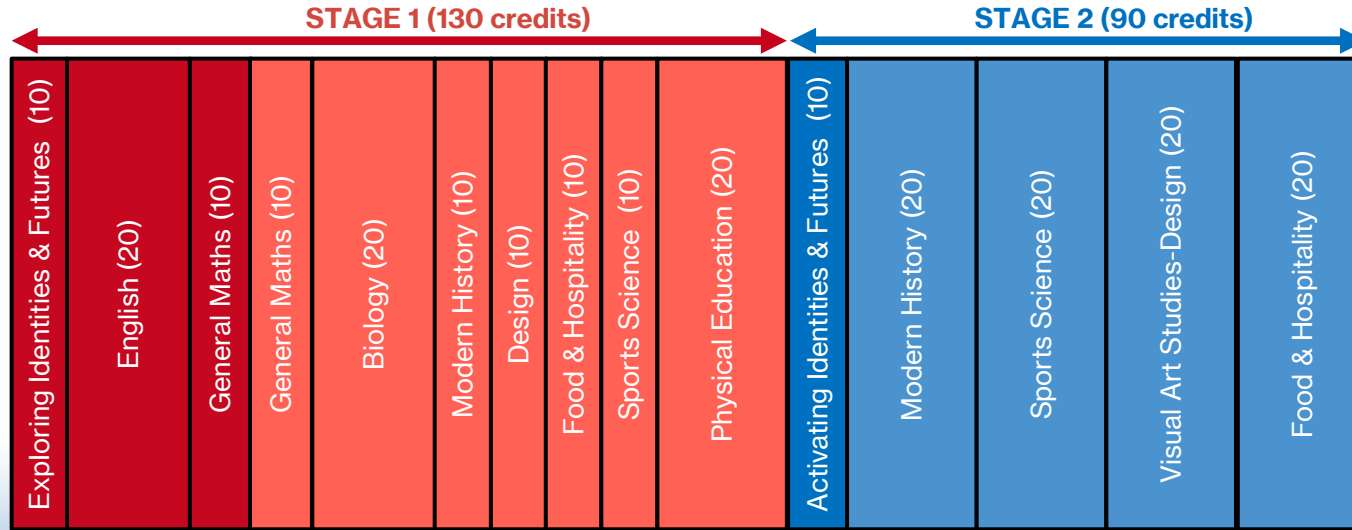


What is the Australian Tertiary Admissions Rank? (ATAR)

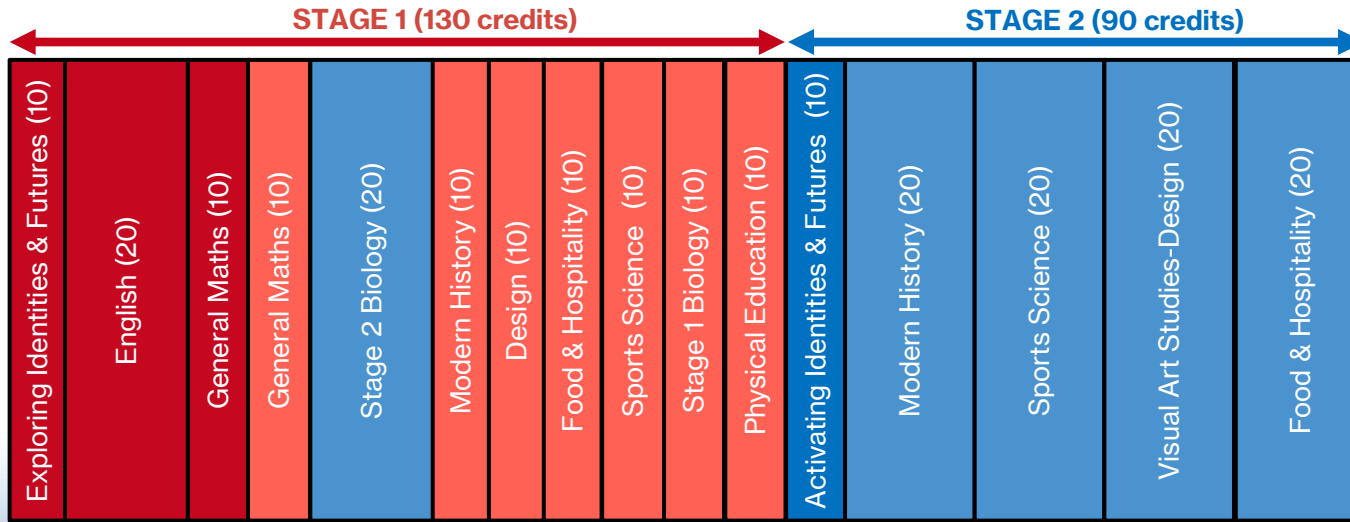
- A measure of how your overall achievement in the SACE compared to other students
- Used by universities to select school leavers for a place in university courses
- Ranges from 0 to 99.95
- University Aggregate is based on the best 4 ½ Yr 12 subjects



SACE completion & ATAR Example #1



SACE completion & ATAR Example #2





How is the ATAR calculated?

EXAMPLE 1: A student receives the following scaled scores.

Stage 2 Subjects	English	Chemistry	Creative Arts Film Making	Food & Hospitality	AIF
SACE credits	20	20	20	20	10
Grade	A	B+	A	A+	A
Scaled Score	18.6	17.1	17.8	19.3	9.05

University Aggregate (out of 90) = **81.85**
ATAR (based on 2024 conversion) \approx **95.65**

<https://satac.edu.au/scaling>



Common ATAR questions



What if I do extra Year 12 subjects? (eg more than 4 ½)

A computer automatically generates your best possible score – your top 4 ½ out of how many you have done

Do I have to do all my Year 12 subjects in the same year?

No

Does having extra SACE credits mean that I get a higher ATAR?

No

Is it better to do extra Stage 2 subjects?

No simple answer – it depends on the individual and how they can understand/be assessed on the content.



Subject Selection



Important points to remember:

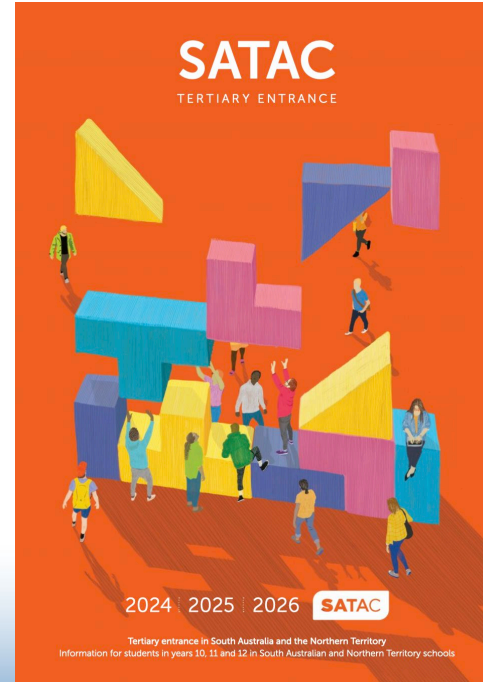
Gather information

- what courses are you interested in?
- prerequisites, assumed knowledge
- talk to the Careers Counsellors,

Heads of Faculty, Heads of House, teachers

Use the SATAC guide

<https://www.satac.edu.au/satac-publications>



Online Subject Choices



- Web preferences – username and password
- Need to choose 120 credits (AIF compulsory – not included in this online tally)
- Preference 1 – English Literature, English, Essential English or EAL (20 credits)
- Preference 2 – Specialist Mathematics & Mathematical Methods (40 credits)
 - Mathematical Methods (20 credits)
 - General Mathematics (20 credits)
 - Essential Mathematics (20 credits)

(NB – 10 credits at year 11 means no year 12 mathematics pathway)
- Students will then select an additional 80 credits worth of subjects



Year 12 subjects



- Studying a Year 12 subject ahead of time
- Must meet pre-requisite of A Grade at Stage 1.
- Choose appropriately e.g Year 12 Biology



Subject Information



- **20 credit only subjects** – Semester 1 & 2 (Eg French, Chinese, Physics, Chemistry)
- **Some subjects are 20 credits or 10 credits** (Eg Physical Education can be studied for the whole year or for one semester only)
- **Some subjects are only 10 credits**
- **Certificate III in Sport Coaching***

* Full year commitment. Limited places- Interview process and \$750 payment (will be returned upon successful completion.) Student will need to commit to hours outside of school in coaching roles.



Future pathways



Belinda Sorensen Cameron & Douglas



Samantha Smith Campbell & Gordon



Janet Rainey McGregor & Stewart

Pathways after school



Higher Education Sector

- University Courses
- Requires completion of Year 12 & required ATAR
- May have additional entrance requirements (UCAT, portfolio of work, audition, interview, prerequisites, etc)

VET/TAFE Sector

- Vocational Skills and TAFE courses (Cert II, Cert III, Cert IV, Diploma, etc)
- Can lead into uni courses (eg Bachelor degree)
- Range of entrance requirements

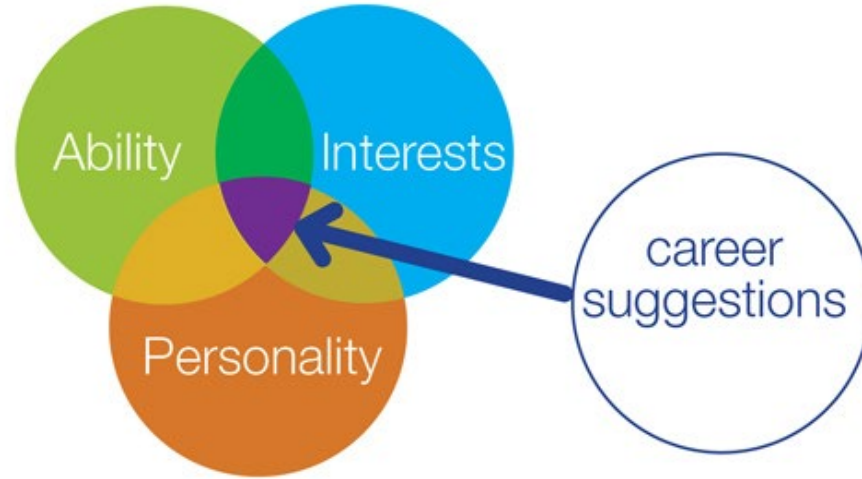
The Workforce

- Requires getting a job (application, interview, etc)
- Straight into earning money
- May require on the job training



Morrisby & Careers Exploration

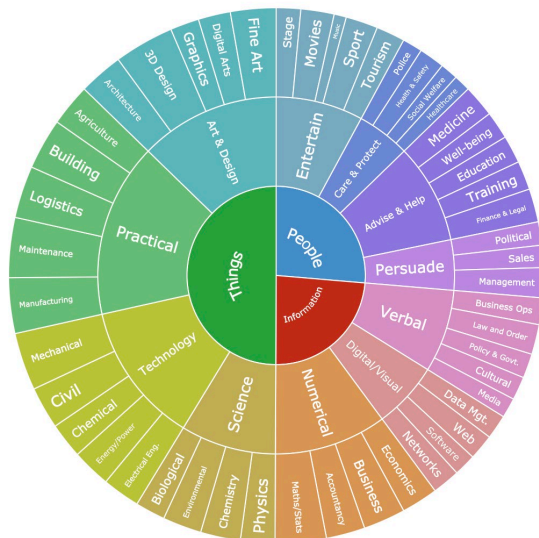
What are we looking for?



Morrisby Profile



Aptitudes: Your potential and relative strengths



Interests: Your career interests

People

Caring for people



Advising people

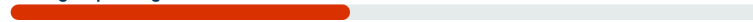


Persuading people

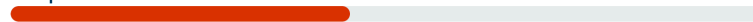


Information

Writing & speaking



Computers



Analysing numbers



Things

Working in Science



Engineering & technology



Make, build & transport



Art & Design



Morrisby Profile



Personality Type: The Extravert

Sociable and gregarious enjoys interacting with others and the physical world in general. Logical and reasoned or compassionate and intuitive as appropriate.

Extravert

Do you focus more on the world and people around you?

Introvert

Do you focus on your inner world of ideas, thoughts and deliberations?

Intuitive

Are you content to work from a subjective impression of a situation?

Sensing

Do you prefer having objective information?

Thinking

Do you always follow the technically correct course of action?

Feeling

Do you take your and other peoples feelings into account?

Judging

Are you more comfortable in a well-ordered, structured environment?

Perceiving

Do you prefer the spontaneity of a flexible lifestyle?

Workplace: Your preferences

Physically active work



Working outdoors



Working indoors



Dealing with the public



Priorities: What's important to you

Contribution



Social



Leisure



Interest



Respect



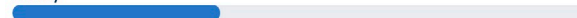
Security



Rewards



Mobility



Work Styles

Working independently



Seeking success



Work focused



Leading others



Using your own ideas



Suggestions to explore

Careers: Your suggestions and favourites

Your top suggestions



Careers Level: Degree

[Change your qualification level](#)

Focus On

- ☐ Aptitudes
- ☐ Interests
- ☐ Specialist Interests
- ☐ Personality

What if I...?

- ☐ Obtained a competitive degree
- ☐ Focused on Apprenticeships / Traineeships

Title

Mechanical Engineer/ Technologist  **1 related career**



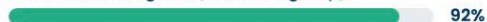
Environmental Engineer/Technologist 



Marine Engineer 



Aeronautical Engineer/Technologist 



Civil Engineer 

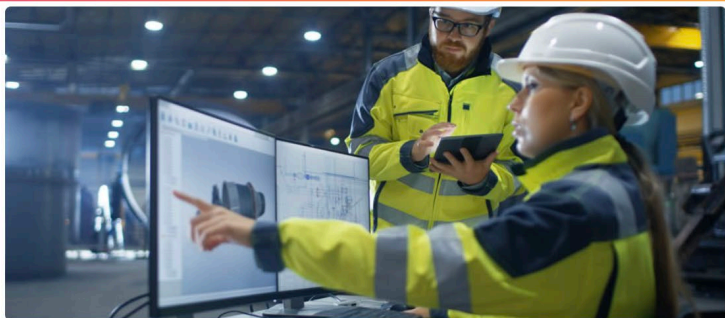


Agricultural Scientist 



Chemical Engineer 





Overview

Mechanical engineers design, build and test new products; they may also look at ways to improve the work of machinery that is already installed and being used. They may be asked to help solve a production problem and start by finding out more about the process. It may mean that existing machinery can be adapted or a new piece of equipment needs to be designed. They may also be involved in research and development, looking at new technologies and how these can be used within various processes. They are assisted at a high level by technologists. Mechanical engineers can work in most of the other engineering industries such as automotive, aerospace, construction and manufacturing. They can work in research, development, maintenance, sales or marketing. People who do this work need to be logical and well organised, with excellent technical skills and good problem solving ability. For future employment prospects and unemployment trend information refer to the Your Career web address.

Media



My Big Tomorrow video - Mechanical Engineer



My Big Tomorrow video - Entrepreneur in Automotive, Mechanical, Industrial Engineering

Career content?



Resources

Key Links

Your Career - Mechanical Engineer [↗](#)
The Good Careers Guide - Mechanical Engineer [↗](#)

The Good Careers Guide - Mechanical Engineering Technologist [↗](#)
SEEK Careers - Mechanical Engineer [↗](#)

Professional Bodies

Engineers Australia [↗](#)

Institute of Automotive Mechanical Engineers [↗](#)

General Information

Jobs and Skills - Mechanical Engineer [↗](#)
CareerHQ - Mechanical Engineer [↗](#)
Open Universities Australia - Mechanical Engineer [↗](#)
Careersonline - Mechanical Engineer [↗](#)
Careersonline - Mechanical Engineering Technologist [↗](#)

SkillsRoad - Industrial, Mechanical and Production Engineers [↗](#)
Study Select - How to become a Mechanical Engineer [↗](#)
Graduate careers - Engineering [↗](#)
Jobted - Mechanical Engineer [↗](#)

Income

Payscale Australia - Mechanical Engineer [↗](#)

Case Studies

Youth Central - Mechanical Engineer [↗](#)

Artofsmart - A Day in the Life of a Mechanical Engineer [↗](#)





Researching University Degrees

- Required ATAR / Selection rank
- Entry requirements? (UCAT? Interview? Audition? Portfolio?)
- Prerequisite subjects?
- Assumed knowledge?
- Any **other** pathways to same area? (ie Plan B? Non ATAR pathways?)
- If planning university in Vic or Qld, need English at Year 12
- What content is included in each course?



ATAR? Selection Rank?



2024 Admissions Data for school leavers

ATAR (raw ATAR, excluding any applicable adjustment factors)	Lowest ATAR to receive an offer	84.65
	Median ATAR to receive an offer	94.45
	Highest ATAR to receive an offer	98.05
Selection Rank (ATAR plus any adjustment factors)	Lowest Selection Rank to receive an offer	90.85
	Median Selection Rank to receive an offer	96.6
	Highest Selection Rank to receive an offer	99.95
Minimum eligibility score		80
Additional criteria considered		Selection rank only



Grades-based entry pathways



PREREQUISITES

One of the following:

SACE Stage 2 Physics

SACE Stage 2 Chemistry

SACE Stage 2 Biology

[More info](#) ↓



ASSUMED KNOWLEDGE

None



ADMISSIONS

[Student Profile](#) >



ENTRY SCORES

2025 GUARANTEED ENTRY

Year 12 (ATAR-based): 83.00

Year 12 (Grades-based):

A,A,B

TAFE/RTO: DIP

[View Guaranteed Entry Info](#) >

2024 CUT-OFFS

Year 12 (ATAR-based):

- Internal: 83.00

TAFE/RTO: Dip

[View full entry requirements](#) ↓



Prerequisite subjects/Assumed Knowledge



Fast facts

Course facts at a glance.

Prerequisites

SACE stage two specialist mathematics or mathematical methods or equivalent.

Assumed knowledge

Knowledge of SACE stage two physics or equivalent is assumed.

2024 selection rank ⓘ

75.00

Prerequisite – must pass at Yr 12

Assumed – recommended but not required



PREREQUISITES ⓘ

None



ASSUMED KNOWLEDGE ⓘ

SACE Stage 2 Physics

SACE Stage 2 Biology

[More info](#) ↓



ENTRY SCORES ⓘ

2025 GUARANTEED ENTRY

Year 12 (Grades-based): NA

[View Guaranteed Entry Info](#) ➤

2024 CUT-OFFS

Year 12 (ATAR-based):

- Internal: 88.00















Content of University Degrees



 Undergraduate (2)	FIRST YEAR	
	First Semester (Study Period 1, 2 or 3)	
	Chemistry 100	CHEM 1006

Course content

This course will focus on learning and applying mathematical concepts and techniques relevant to the medical sciences. This course starts with fundamental concepts relating to arithmetic, algebra, properties of functions (including polynomial, rational, exponential and logarithmic function families) and exponential growth and decay, before focusing on calculus (differentiation, applications to maxima and minima problems, integration, simple differential equations). Problems will be solved analytically and with use of technology.

 Law	 HRM	 Marketing	Chemistry 101	CHEM 1007
 Medical Radiation Science	 Nursing and Midwifery	 Nutrition and Sciences	Biology B	BIOL 1012
 Pharmacy	 Physiotherapy	 Podiatry	Quantitative Methods in Health	MATH 1065
 Psychology	 Science	 Social Work	Professional Issues in Laboratory Medicine	MEDI 1009



Where do I find university courses?



South Australia/NT -

www.satac.edu.au

Interstate:

Victoria (VTAC)

www.vtac.edu.au

NSW & ACT (UAC)

www.uac.edu.au

Western Australia (TISC)

www.tisc.edu.au

Queensland (QTAC)

www.qtac.edu.au

Tasmania

www.utas.edu.au

Plus website of private universities like Bond, Torrens, Tabor, etc



Vocational Education Training (VET)



VET@Scotch (Group on Scotch Life) <https://app.scotch.sa.edu.au/homepage/3152/>

Students who are suited to VET courses:

- Have a demonstrated commitment to developing particular vocational skills
- Are aiming to enter a trade or skill-based industry after school
- Are able to manage the demands of a more flexible timetable in Year 11 or Year 12 without compromising performance in other subjects

Other subject options may provide extra flexibility, extension or learning support that would be more suitable.

Not all courses offer Stage 2 SACE credits, and applications are required (mostly) 5 or 6 months ahead
Information on Scotch Life page “VET@Scotch” (costs, RTO’s, etc)





Benefits of a VET course

- Develop practical skills and understanding in a specific area of vocational interest.
- Demonstrated pursuit of vocational expertise is impressive for future employers.
- Some courses can lead specifically to entry pathways into apprenticeships or traineeships and help build industry contacts.





Challenges of a VET course

- Some VET courses require students to miss school each week.
- The location of courses can cause transport and logistical difficulties compared
- Cocurricular commitments may be impacted by the VET course.
- Some VET courses require the completion of compulsory work experience placements.
- Different Registered Training Organisations (RTOs) can be inconsistent in the level of support and personalised education provided to students.
- Online VET courses require exceptional time-management and motivation to complete within the required time frame, often with minimal support from the RTO. Scotch does not support online VET courses.





VET Application Process

1. Download "VET Expression of Interest" from Scotch Life (or from VET Coordinator)
2. Complete fully (including USI & parent signatures)
3. Return to your VET Coordinator
4. Attend a meeting with VET Coordinator and a parent/caregiver to discuss application

PLEASE NOTE:

- Choosing "VET" in online subject choice must be accompanied by this process
- Applications for a VET course require completed and documented work experience before being lodged online (by early Term 3)

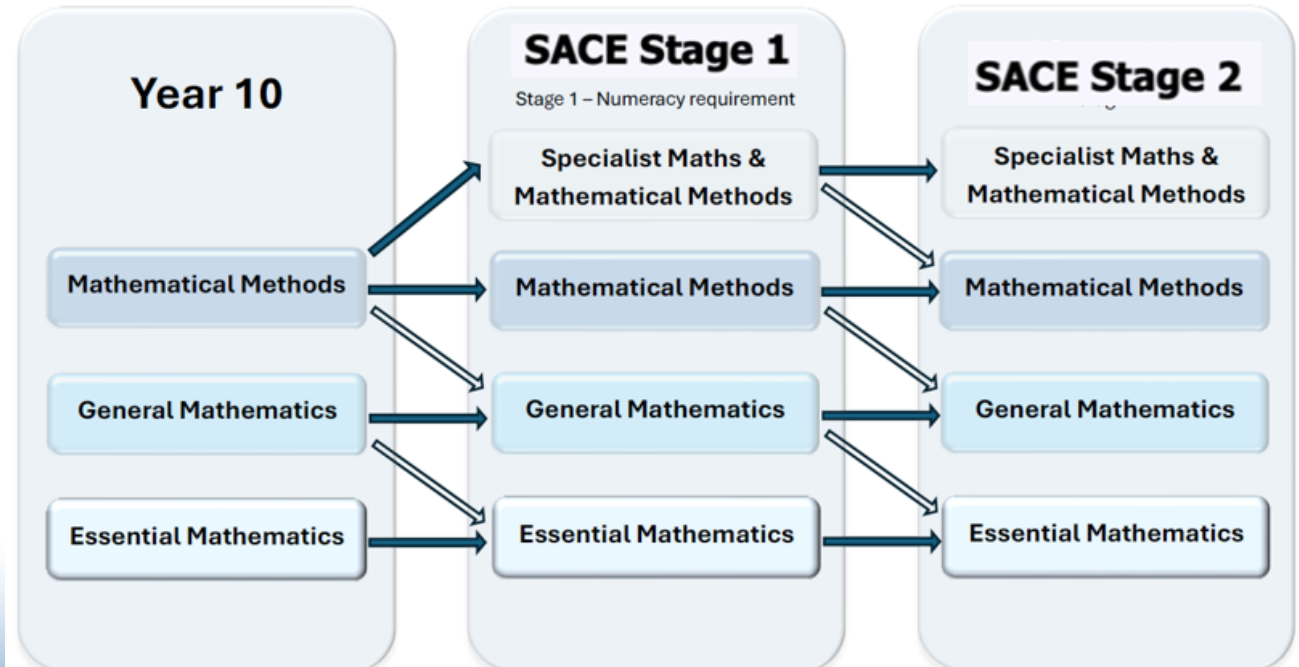


Stage 1 Subject offerings.





Mathematics- Mr Jarrad Strain





English- Mr Michael Rodenburg

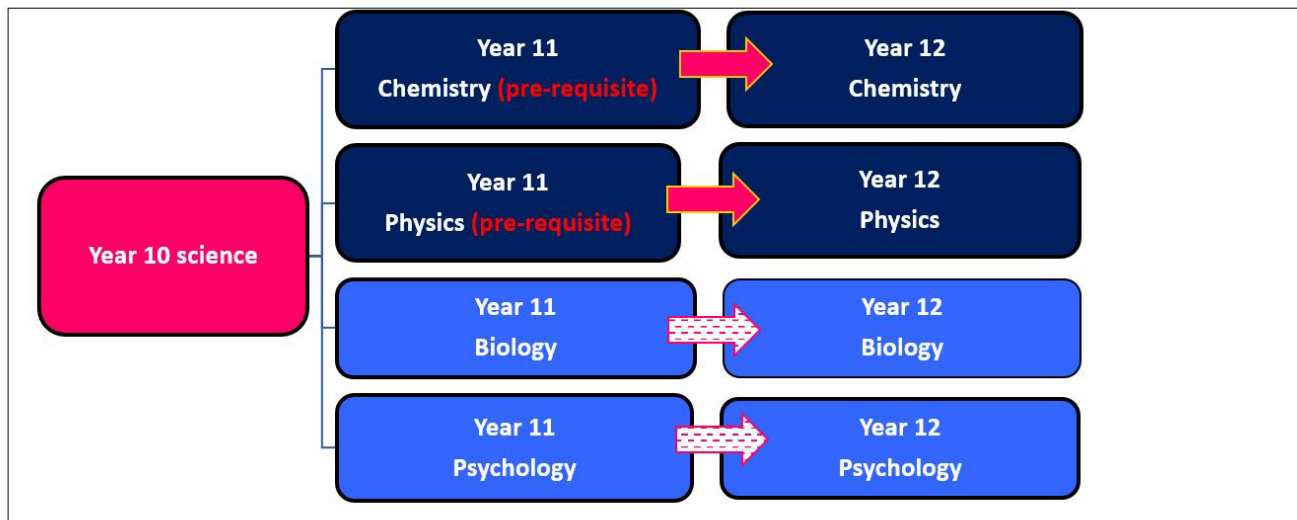
- English Pre-Literary Studies (20 credits)
- English (20 credits)
- Essential English (20 credits)
- English as an Additional Language (20 credits)

* Students must pass 20 credits of Stage 1 English





Sciences- Dr Melissa Lavender



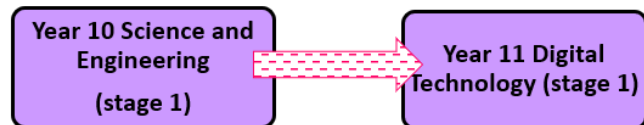
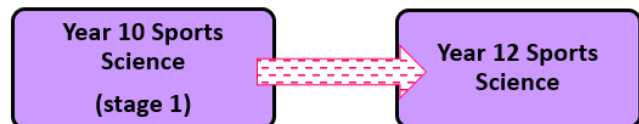
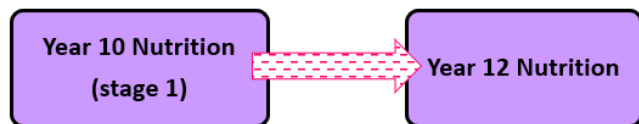
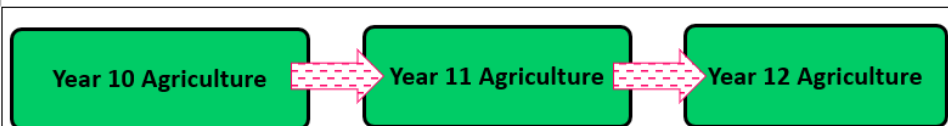
Dotted arrow = possible pathway. There is no assumed knowledge for this Year 12 subject.



Solid arrow = Year 11 subject is pre-requisite for this Year 12 subject (Chemistry and Physics)

Note: Stage 2 Biology and Psychology can only be considered at Year 11 if students achieve an A grade average for both semesters of Year 10 science and recommendation of teacher (Form required)







Humanities- Mr David Albano

- Media Studies (10 credits)
- Geography (10 credits)
- Business Innovation (10 credits)
- Economics (10 credits)
- Philosophy (10 credits)
- Modern History (10 or 20 credits)





HPE- Mr Stuart Wuttke

- Physical Education (10 or 20 credits)
- Health & Wellbeing (10 credits)
- Outdoor Education studies (10 credits)
- Sport Science (10 credits) {Science/ PE}
- Certificate III in Sport Coaching (60 credits)*

*Limited places, interview process, need to commit to 2-3 hours of coaching outside of school hours per week at times. A \$750 payment is required which is returned upon completion.





TVA- Ms Amanda Johnson

SACE SUBJECT	YEAR 10 2024	YEAR 11 2025	YEAR 12 2026
VISUAL ART Art	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits *
VISUAL ARTS Design	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits *
CREATIVE ARTS Photography	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits **
CREATIVE ARTS Film	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits **
DESIGN, TECHNOLOGY & ENGINEERING Material Solutions - Select Wood or Metal (or both)	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits ***
DESIGN, TECHNOLOGY & ENGINEERING Industry & Entrepreneurial Solutions - Textiles	ELECTIVE Year 10 Curriculum	STAGE 1 10 credits	STAGE 2 20 credits ***
DIGITAL TECHNOLOGY	ELECTIVE Year 10 Curriculum Engineering & Technology	STAGE 1 10 credits	STAGE 2 20 credits
FOOD & HOSPITALITY	ELECTIVE Year 10 Curriculum Food Technology	STAGE 1 10 credits	STAGE 2 20 credits





Languages- Ms Jessica Powell

- Stage 1 French (Continuers) 20 Credits
- Stage 1 Chinese (Background) 20 Credits
- Stage 1 Chinese (Continuers) 20 Credits
- Languages – Beginner's courses in Chinese, French, German, Indonesian, Japanese, Korean, Italian, Spanish

<https://schooloflanguages.sa.edu.au/languages/>





Music- Mr Wes Brice

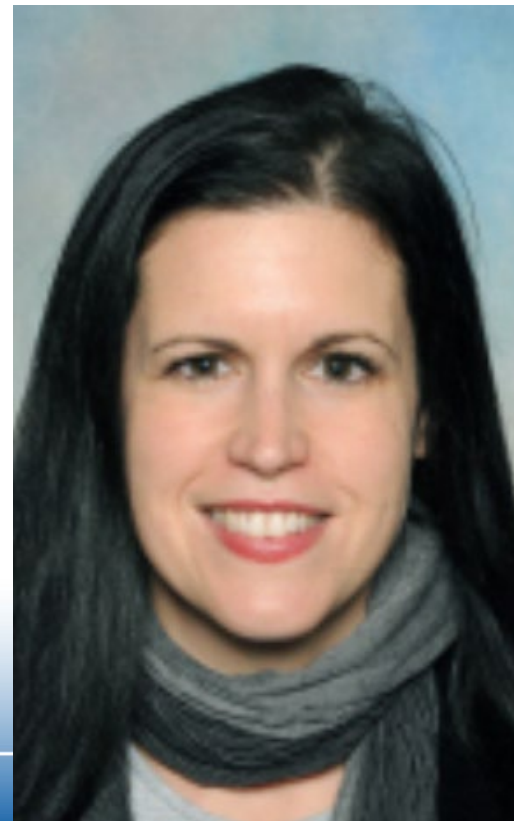
- Music Advanced (10 or 20 credits)
- Music Experience (10 or 20 credits)





Theatre Arts- Ms Nicola Triglau

- Dance (20 credits)
- Drama (10 or 20 credits)



Where to find more information



- Heads of Faculty are present.
- Students in Term 3 will attend talks by Heads of Faculty with details of each subject.
- Curriculum guides on website.

Scotch website → Our School → Teaching and Learning

Curriculum Guides available (contain content of each subject, assessment)





Year 11

2025 CURRICULUM

This is the second year that students choose subjects for the internationally recognised South Australian Certificate of Education (SACE). When selecting subjects it is important to consider the following: the courses at university or TAFE that you are interested in; the subjects you like and are good at; and your personal interests.

For students to gain their SACE, they will need a minimum of 200 credits and complete the following compulsory subjects with a 'C-' grade or better:

- Exploring Identities and Futures (10 credits Year 10)
- English or English as an Additional Language (EAL) (20 credits – Year 11)
- Mathematics (10 credits – Year 11)
- Activating Identities and Futures (AIF) (10 Credits Year 12 subject completed in Year 11)

A student in Year 11 at Scotch College will have the opportunity to complete 130 credits (this includes the compulsory Activating Identities and Futures). For online subject choices in August, each student will select 120 credits. The Activating Identities and Futures is NOT selected online as it is compulsory. For further information, please visit: www.sace.sa.edu.au (the SACE Board), and www.satac.edu.au (SATAC information for university).

Stage 1 subjects: Stage 1 subjects are offered in the following ways:

One semester only (10 credits):

- Art
- Business Innovation
- Creative Arts – Film Making
- Design
- Design, Technology & Engineering – Material Solutions – Metal and/or Timber
- Design Technology & Engineering – Textiles
- Economics
- Geography
- Health and Wellbeing
- Media Studies
- Nutrition
- Outdoor Education
- Philosophy
- Photography
- Psychology
- Sports Science and Technology

One or two semesters (10 or 20 credits):

- Agriculture
- Biology
- Digital Technologies
- Drama
- Essential Mathematics
- Food and Hospitality
- Modern History
- Music – Advanced
- Music – Experience
- Physical Education

Two semesters (20 credits):

- Chemistry
- Chinese (Background Speakers)
- Chinese (Continuers)
- Dance
- English
- English as an Additional Language (EAL)
- Essential English
- French (Continuers)
- General Mathematics
- Industry Connections
- Mathematical Methods
- Physics

Two semesters (40 credits):

- Specialist Mathematics – combined with Mathematical Methods

Two semesters (various credits):

- Sports Coaching – Certificate III (limited spaces, by interview)
- Vocation Education Training
- Pre-elite sport: Workplace Practices





Term 3

- Online subject selection forms sent will be sent out during Week 1 Term 3
- Students will attend a meeting with Head of Teaching & Learning, Head of House and Careers Counsellor to review subject selections prior to submission.
- Subject selections require parent approval.
- Subject choices due Thursday 14th August, 2025 (week 4)
- Workplace Learning Term 3, Week 6 (5 days)
- Any questions, please ask



Question and Answers



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Liana Hockenhull (SACE Coordinator) lhockenhull@scotch.sa.edu.au

Jarrad Strain (Mathematics) jstrain@scotch.sa.edu.au

Melissa Lavender (Science) mlavender@scotch.sa.edu.au

Michael Rodenburg (English) mrodenburg@scotch.sa.edu.au

David Albano (Humanities) dalbano@scotch.sa.edu.au

Stuart Wuttke (HPE) swuttke@scotch.sa.edu.au

Jessica Powell (Languages) jpowell@scotch.sa.edu.au

Amanda Johnson (Technologies & Visual Arts) ajohnson@scotch.sa.edu.au

Nicola Triglau (Theatre Arts) ntriglau@scotch.sa.edu.au

Wes Brice (Music) wbrice@scotch.sa.edu.au

Careers/VET – bsorensen@scotch.sa.edu.au ssmith@scotch.sa.edu.au jrainey@scotch.sa.edu.au

