



Future Planning Evening

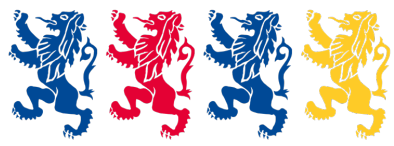
Year 11 2025

Mark Goreham
Head of Teaching and Learning



What is the SACE?

- SACE acronym for South Australian Certificate of Education
- 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)

AND

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)

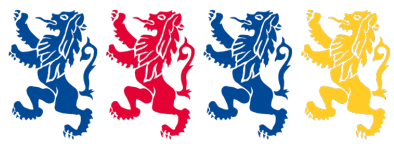
130 Stage 1 credits

(Equivalent of 11 single semester subjects)

70 Stage 2 credits

(3 ½ whole year subjects)

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



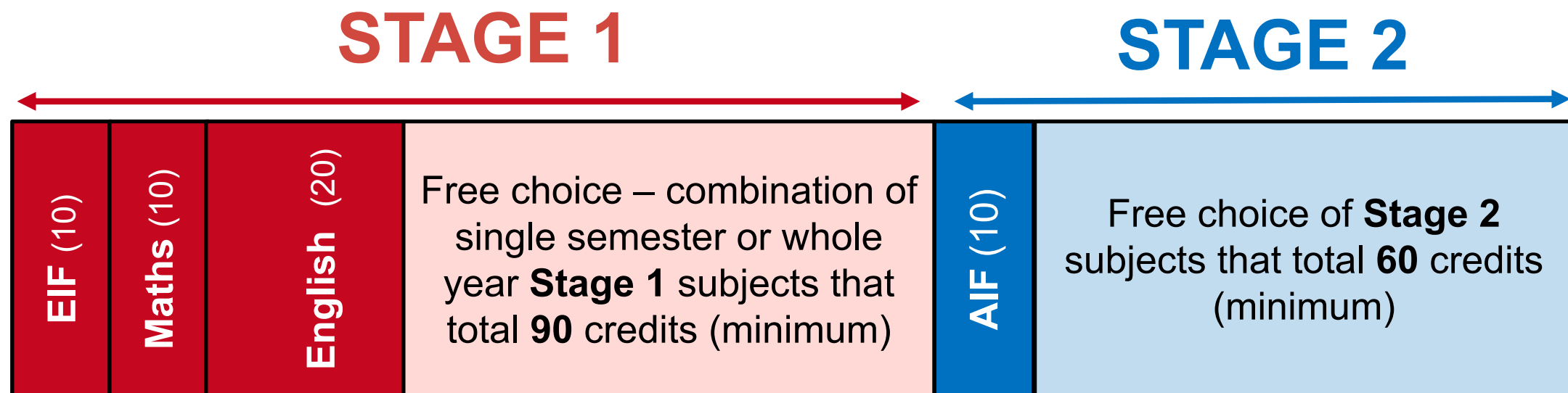
How do I get 200_(min) credits?

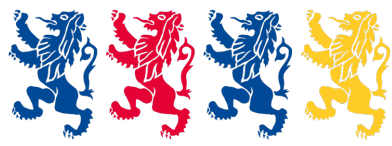
✓ Pass compulsory subjects

(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

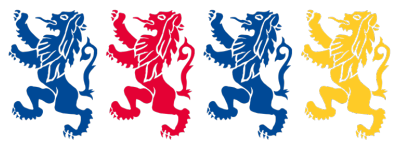
(minimum is 90 extra credits at Stage 1 and 60 extra credits at Stage 2)





Example of SACE completion #1

STAGE 1 (130 credits)										STAGE 2 (70 credits)			
EIF (10)	English (20)	General Maths (10)	General Maths (10)	Biology (20)	Modern History (10)	Design (10)	Food & Hospitality (10)	Sports Science (10)	Physical Education (20)	AIF (10)	Modern History (20)	Sports Science (20)	Visual Art Studies-Design (20)



Common SACE questions...

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

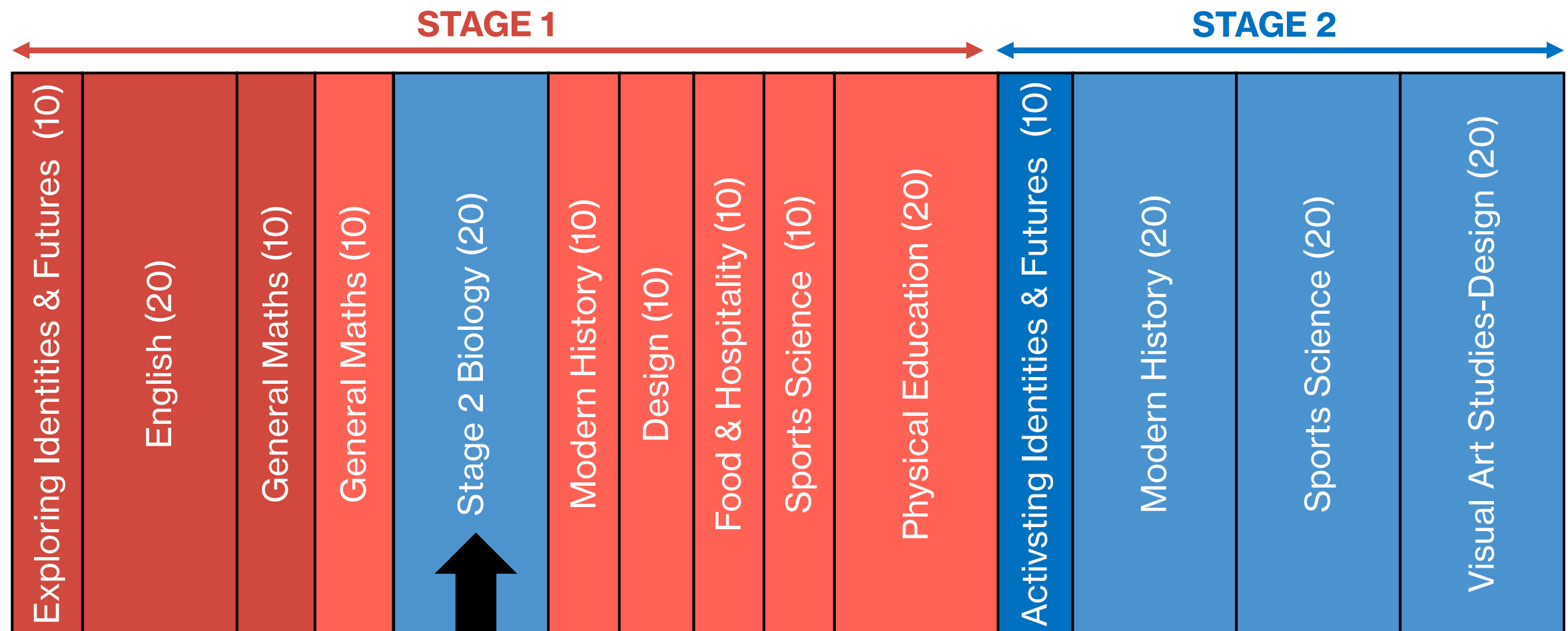
How and why?

- 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.
- 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 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

STAGE 1 (130 credits)

STAGE 2 (90 credits)

Exploring Identities & Futures (10)	English (20)	General Maths (10)	General Maths (10)	Biology (20)	Modern History (10)	Design (10)	Food & Hospitality (10)	Sports Science (10)	Physical Education (20)	Activating Identities & Futures (10)	Modern History (20)	Sports Science (20)	Visual Art Studies-Design (20)	Food & Hospitality (20)
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SACE completion & ATAR Example #2

STAGE 1 (130 credits)

STAGE 2 (90 credits)

Exploring Identities & Futures (10)	English (20)	General Maths (10)	General Maths (10)	Stage 2 Biology (20)	Modern History (10)	Design (10)	Food & Hospitality (10)	Sports Science (10)	Stage 1 Biology (10)	Physical Education (10)	Activating Identities & Futures (10)	Modern History (20)	Sports Science (20)	Visual Art Studies-Design (20)	Food & Hospitality (20)
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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 2023 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?**

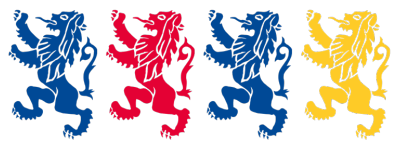
No

- **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:

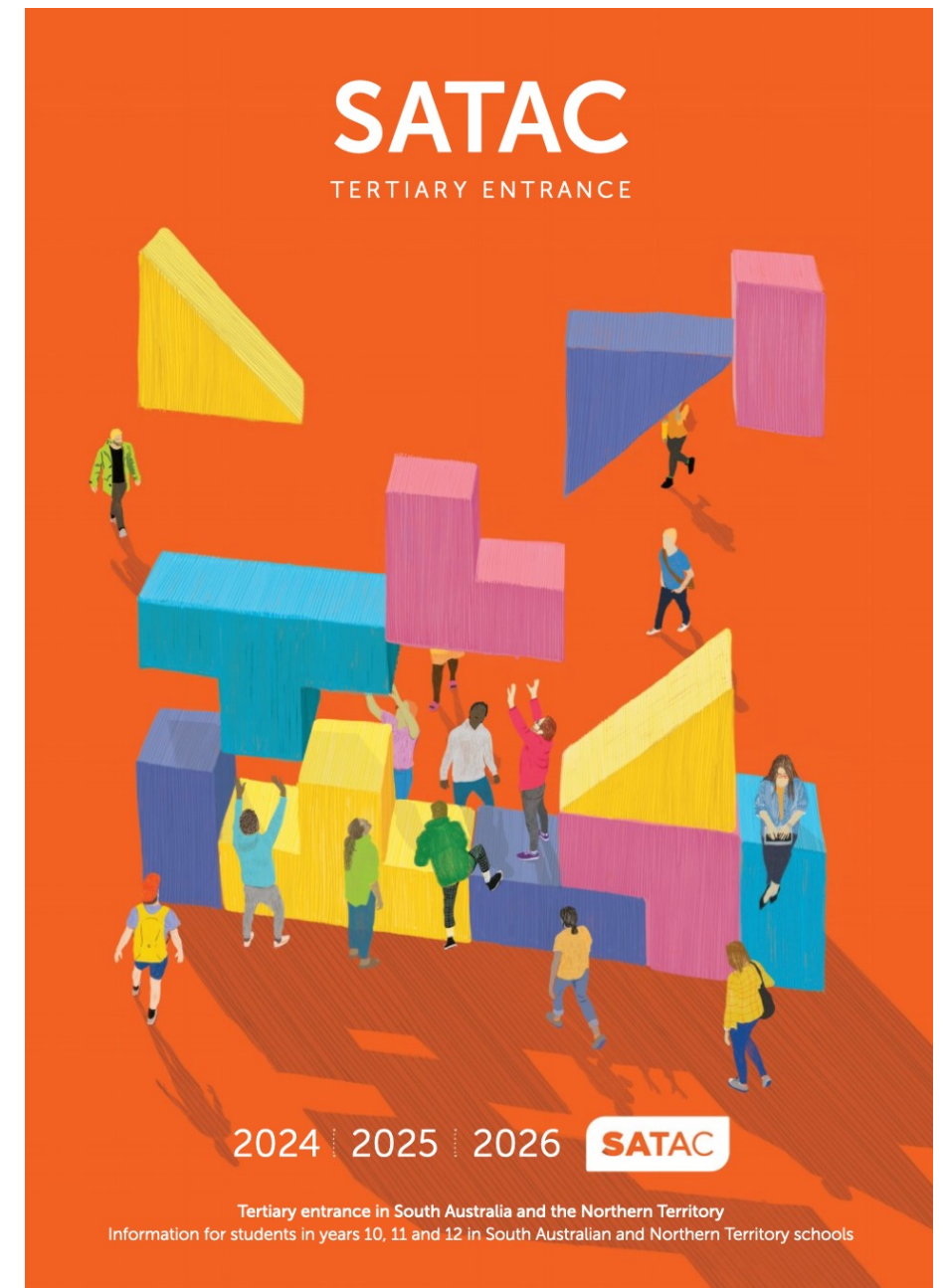
Gather information

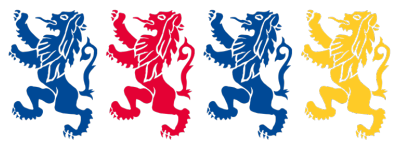
- what courses are you interested in?
- prerequisites, assumed knowledge
- talk to the Careers Counsellors,

Heads of Faculty, Heads of House, teachers

Use the SATAC guide

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

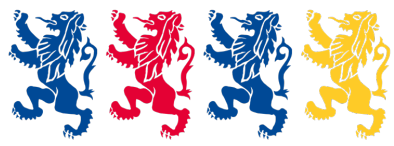




Online Subject Choices

- Web preferences – username and password
- Need to choose 120 credits (AIF compulsory – not included in this online tally)
- Preference 1 – English, Essential English or EAL (20 credits)
- Preference 2 – Specialist Mathematics & Mathematical Methods (40 credits)
 - Mathematical Methods (20 credits)
 - General Mathematics (20 credits)
 - Essential Mathematics (10 or 20 credits)

(NB – 10 credits at year 11 means no year 12 mathematics pathway)
- There will be an opportunity for students to choose a private study option



Year 12 subjects

- Studying a Year 12 subject
- Must meet pre-requisites - especially for exam-based science subjects eg: Biology, Nutrition & Psychology.
- Choose appropriately e.g Year 12 Biology
- Fill out a form online – teachers
- Why?
- Study interstate, free up choices, interest



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)
- Business Innovation, Economics, Geography, Outdoor Education, Philosophy, Psychology, Art, Design, Textiles, Nutrition and Photography are for one semester only
- Certificate III in Sport Coaching
- Private Study



Future pathways

Belinda Sorensen

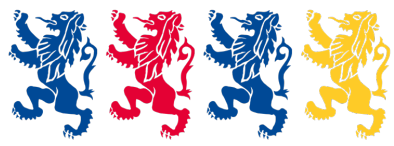
Cameron & Douglas

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, Advanced Diploma)
- Can lead into uni courses (eg Bachelor degree)
- Range of entrance requirements

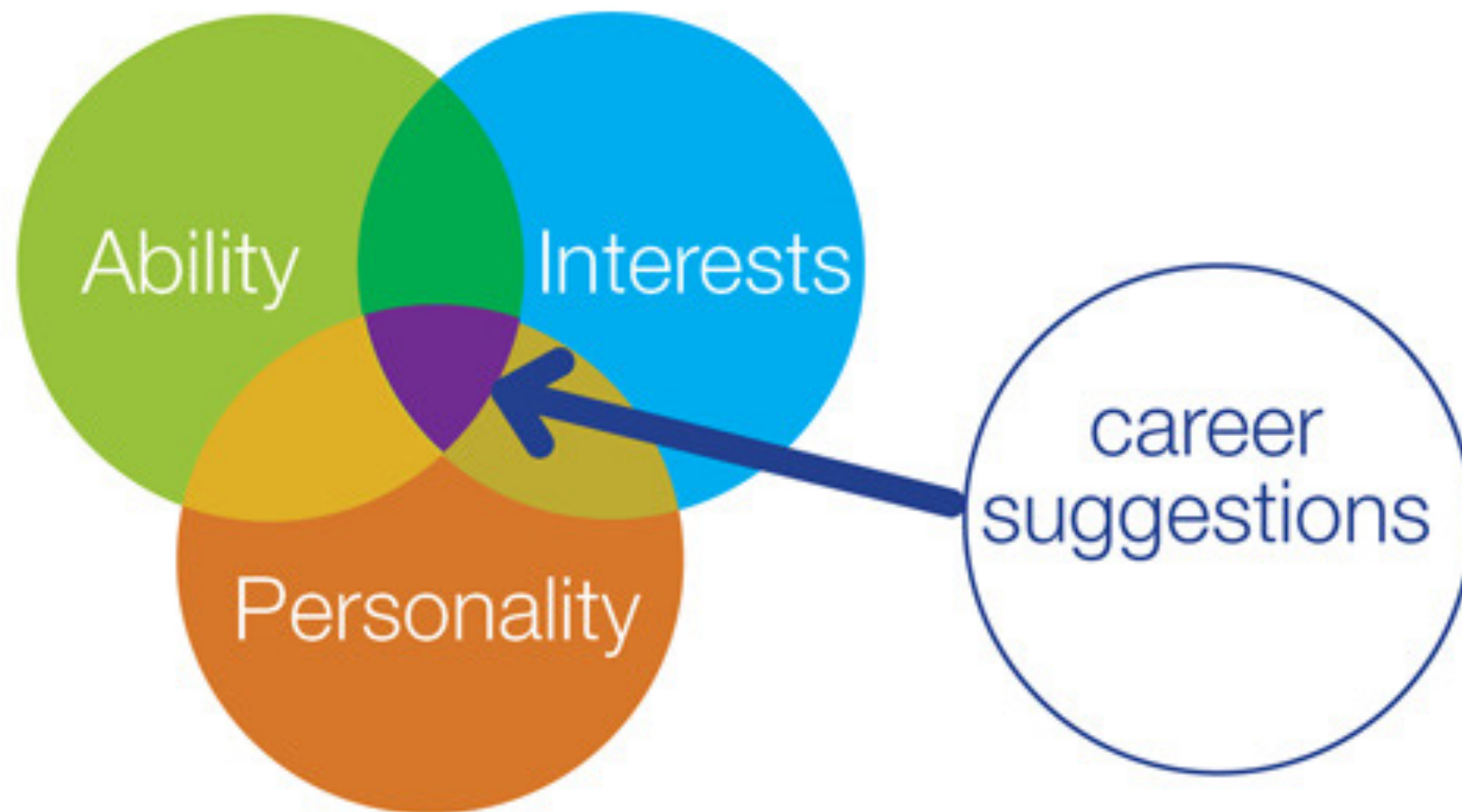
The Workforce

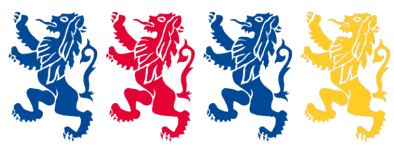
- Requires getting a job (application, interview, etc)
- Straight into earning money
- May require on the job training



Morrisby & Careers Exploration

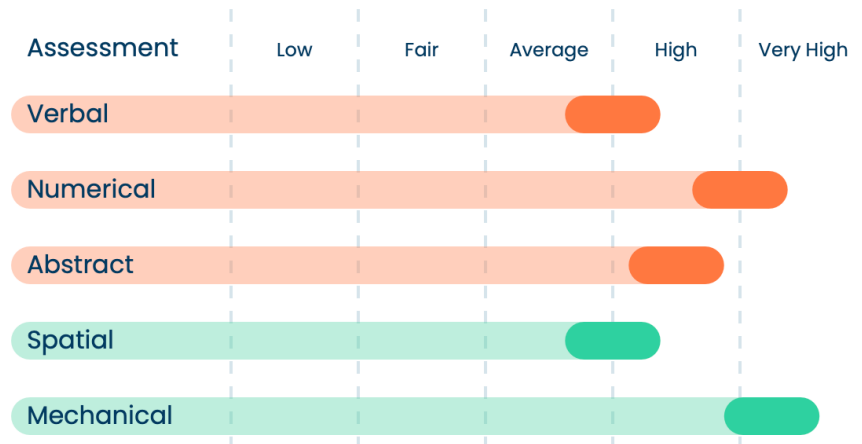
What are we looking for?





Morrisby Profile

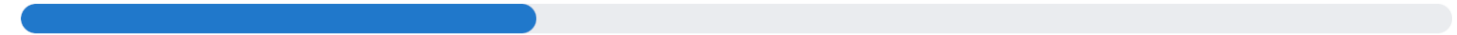
Aptitudes: Your potential and relative strengths



Interests: Your career interests

People

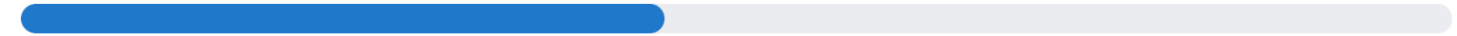
Caring for people



Advising people

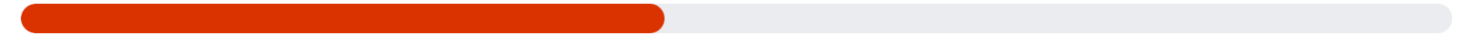


Persuading people

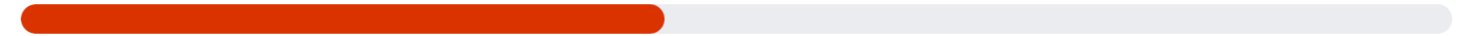


Information

Writing & speaking



Computers



Analysing numbers



Things

Working in Science



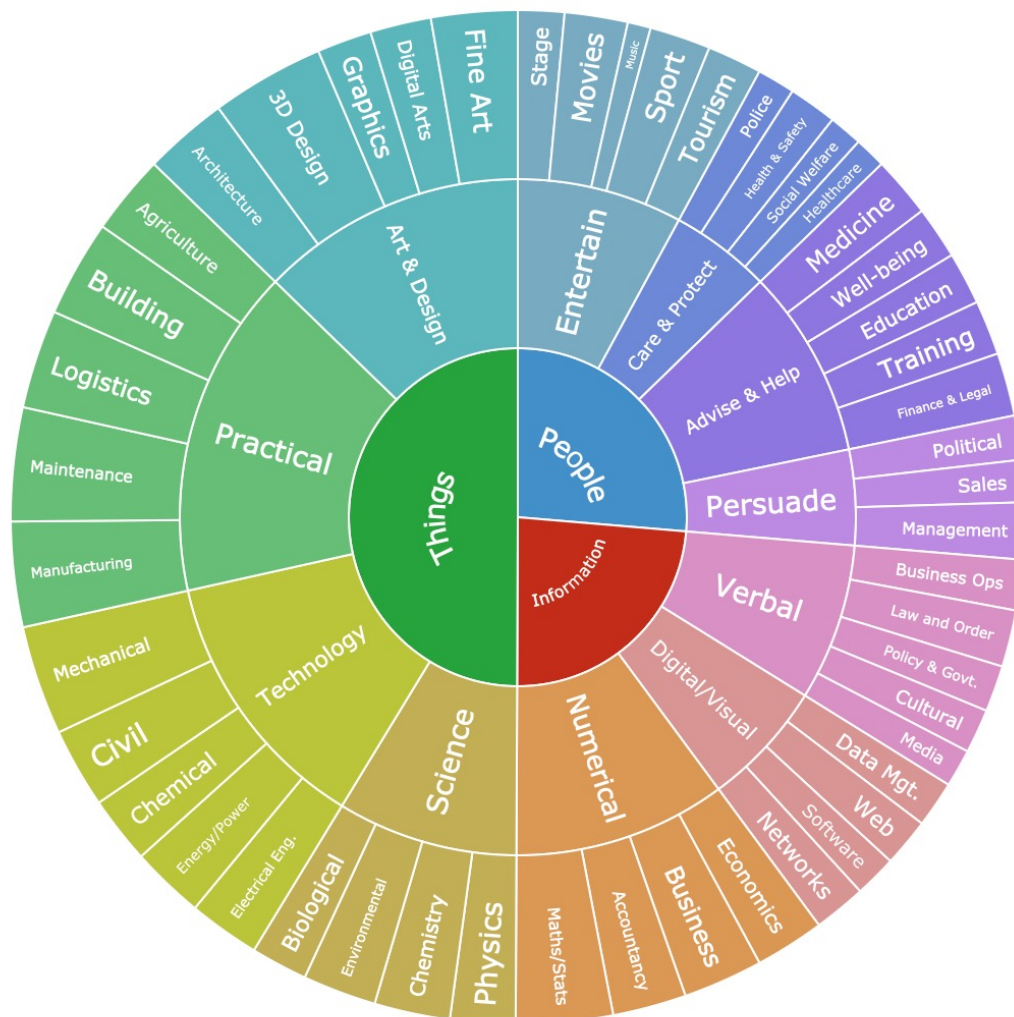
Engineering & technology

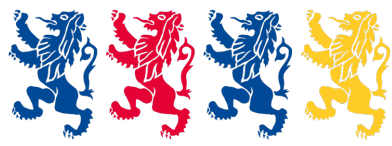


Make, build & transport



Art & Design

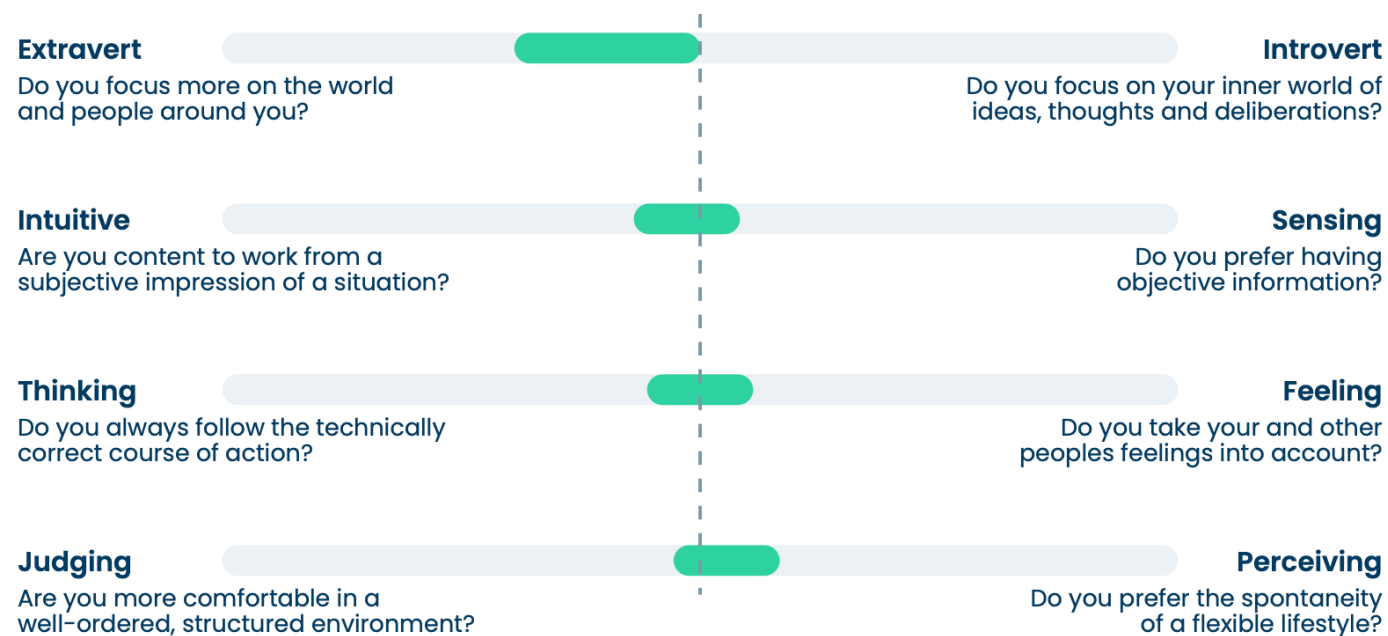




Morrisby Profile

Personality Type: The Extravert

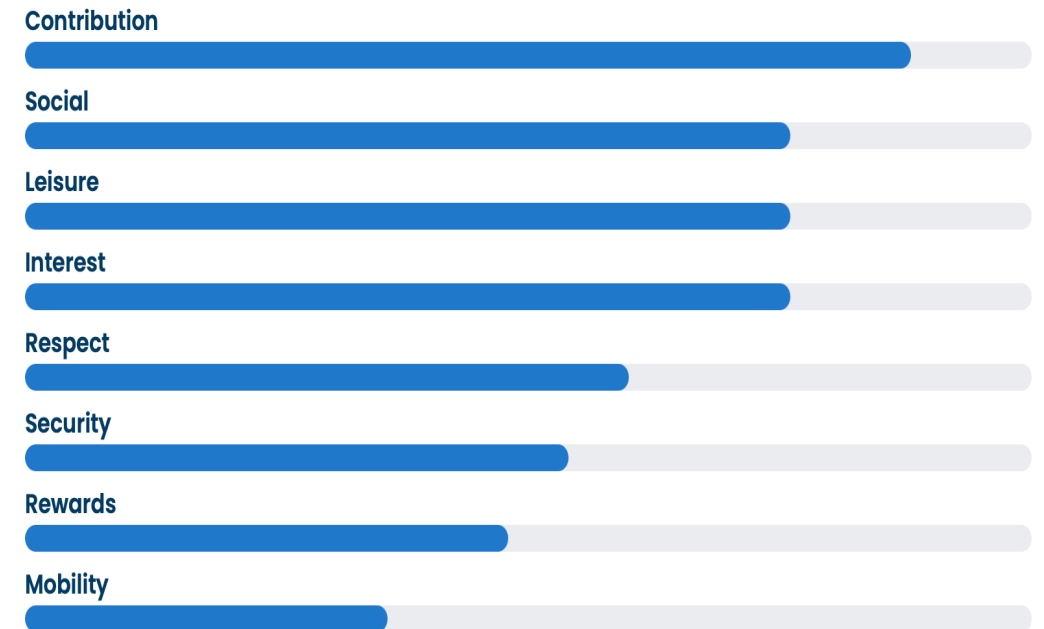
Sociable and gregarious enjoys interacting with others and the physical world in general.
Logical and reasoned or compassionate and intuitive as appropriate.



Workplace: Your preferences



Priorities: What's important to you



Work Styles





Exploring Ideas

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 🌱

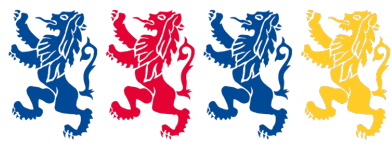


Agricultural Scientist 🌱



Chemical Engineer 🌱





What is this career about?

Mechanical Engineer/ Technologist

Your rating 100%

One of your Favourites  



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

Mechanical Engineer/ Technologist

Your rating 100%

One of your Favourites  



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 [↗](#)



University Courses...

...What do I need to know?

- 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?

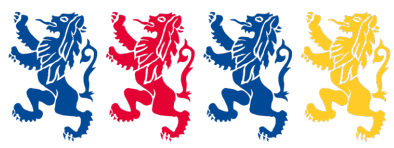


ATAR / Selection Rank

What does it actually mean?

2023 Admissions Data for school leavers

ATAR (raw ATAR, excluding any applicable adjustment factors)	Lowest ATAR to receive an offer	62.35
	Median ATAR to receive an offer	86.1
	Highest ATAR to receive an offer	99.95
Selection Rank (ATAR plus any adjustment factors)	Lowest Selection Rank to receive an offer	65.1
	Median Selection Rank to receive an offer	90.7
	Highest Selection Rank to receive an offer	99.95
Minimum eligibility score		65
Additional criteria considered		Selection rank only



Grades based entry



PREREQUISITES

One of the following:

SACE Stage 2 Biology

SACE Stage 2 Physics

SACE Stage 2 Chemistry

[More info](#) ↓



ASSUMED KNOWLEDGE

None



ADMISSIONS

[Student Profile](#) >



ENTRY SCORES

2024 GUARANTEED ENTRY

Year 12 (ATAR-based): 72.00

Year 12 (Grades-based):

B,B,B

TAFE/RTO: DIP

[View Guaranteed Entry Info](#) >

2023 CUT-OFFS

Year 12 (ATAR-based):

- Internal: 72.00

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.

2023 selection rank ⓘ

75.00



PREREQUISITES ⓘ

None



ASSUMED KNOWLEDGE ⓘ

SACE Stage 2 Physics

SACE Stage 2 Biology

[More info](#) ↓



ENTRY SCORES ⓘ

2024 GUARANTEED ENTRY

Year 12 (Grades-based): NA

[View Guaranteed Entry Info](#) >

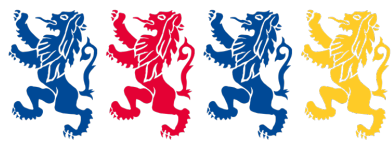
2023 CUT-OFFS

Year 12 (ATAR-based):

- Internal: 94.00

Prerequisite – must pass at Yr 12

Assumed – recommended but not required



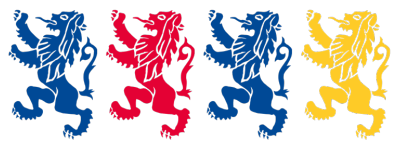
Content of university courses

 Aboriginal and Australian Studies	 Accounting and Finance	 Architecture	 Arts
 Aviation	 Biomedical Science	 Business	 Communication
 Construction Management	 Contemporary Art	 Creative Industries	 Defence
 Design	 Education and Teaching	 Engineering	 Environmental Science
 Film and Television	 Health Science	 Human Movement, Sport, Clinical Exercise Physiology	 Human Services
 Information Technology	 Journalism	 Laboratory Medicine	 Languages
 Law	 Management and HRM	 Marketing	 Mathematics
 Medical Radiation Science	 Nursing and Midwifery	 Nutrition and Food Sciences	 Occupational Therapy
			

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.

FIRST YEAR	
First Semester (Study Period 1, 2 or 3)	
Chemistry 100	CHEM 1006
Biology A	BIOL 1007
Mathematics for Laboratory Sciences	MATH 1039
Health and Society	HLTH 1025
Second Semester (Study Period 4, 5 or 6)	



Where do I find university courses?

South Australia/NT - www.satac.edu.au

Interstate:

Victoria (VTAC) www.vtac.edu.au

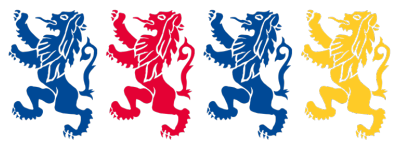
NSW & ACT (UAC) www.uac.edu.au

Western Australia (TISC) www.tisc.edu.au

Queensland (QTAC) www.qtac.edu.au

(ATAR is slightly different in Queensland)

Tasmania www.utas.edu.au



Vocational Education Training

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.

LOTS of info on Scotch Life page “VET@Scotch” (costs, RTO’s, etc)



Benefits of a VET course

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



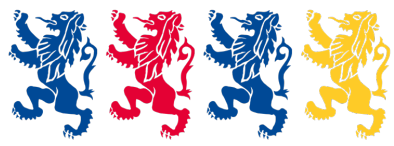
Challenges of a VET course

- 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” doc from Scotch Life
2. Complete fully (including USI & parental signatures)
3. Return to your VET Coordinator
4. Attend a meeting with a parent/caregiver to discuss
 - Choosing “VET” on subject choice form needs to be accompanied by this process
 - Applications for a VET course require completed documented work experience by Week 6 of Term 3 or VETRO funding and access to course is unlikely.



Subject area presentations



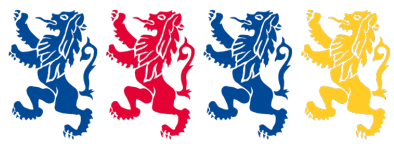
English – Michael Rodenburg

SACE Stage 1 subject choices 2025:

- English
- Essential English
- English as an Additional Language

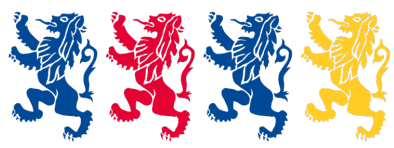
- Both 20 credits

(At Stage 2 we offer English Literary Studies, English, Essential English and EALD. Year 11 students are given detailed information about these subjects towards the end of Term 3)

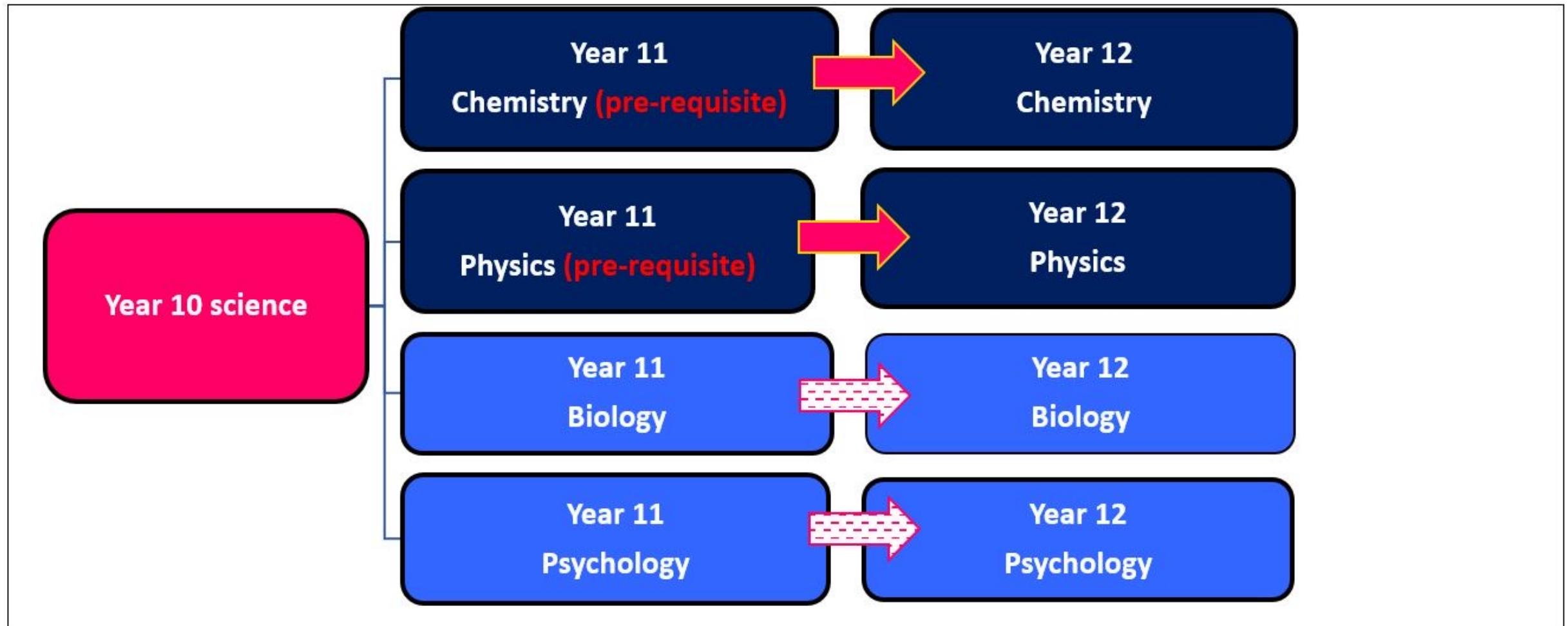



Science

SACE Stage 1 subject choices 2025
Michelle McGrath



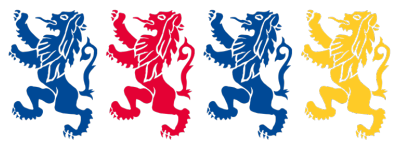
Science Pathways



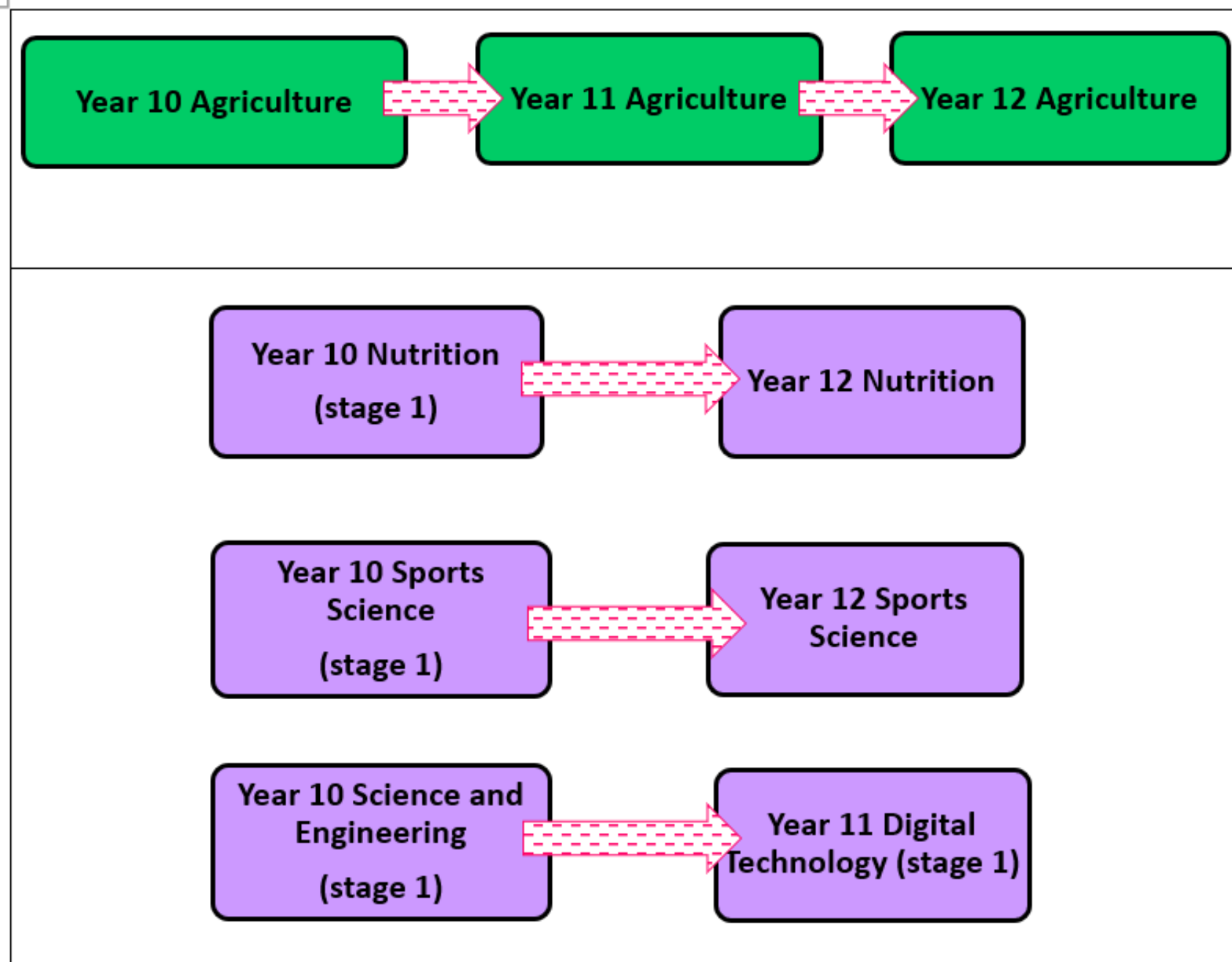
 Dotted arrow = possible pathway. There is no assumed knowledge for this Year 12 subject.

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

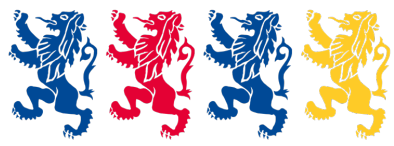
Note: Stage 2 Biology and Psychology can only be considered at Year 11 if students achieve an A grade average for both semesters of Year 10 science and recommendation of teacher (Form required)



Science Pathways



*Check teacher recommendations

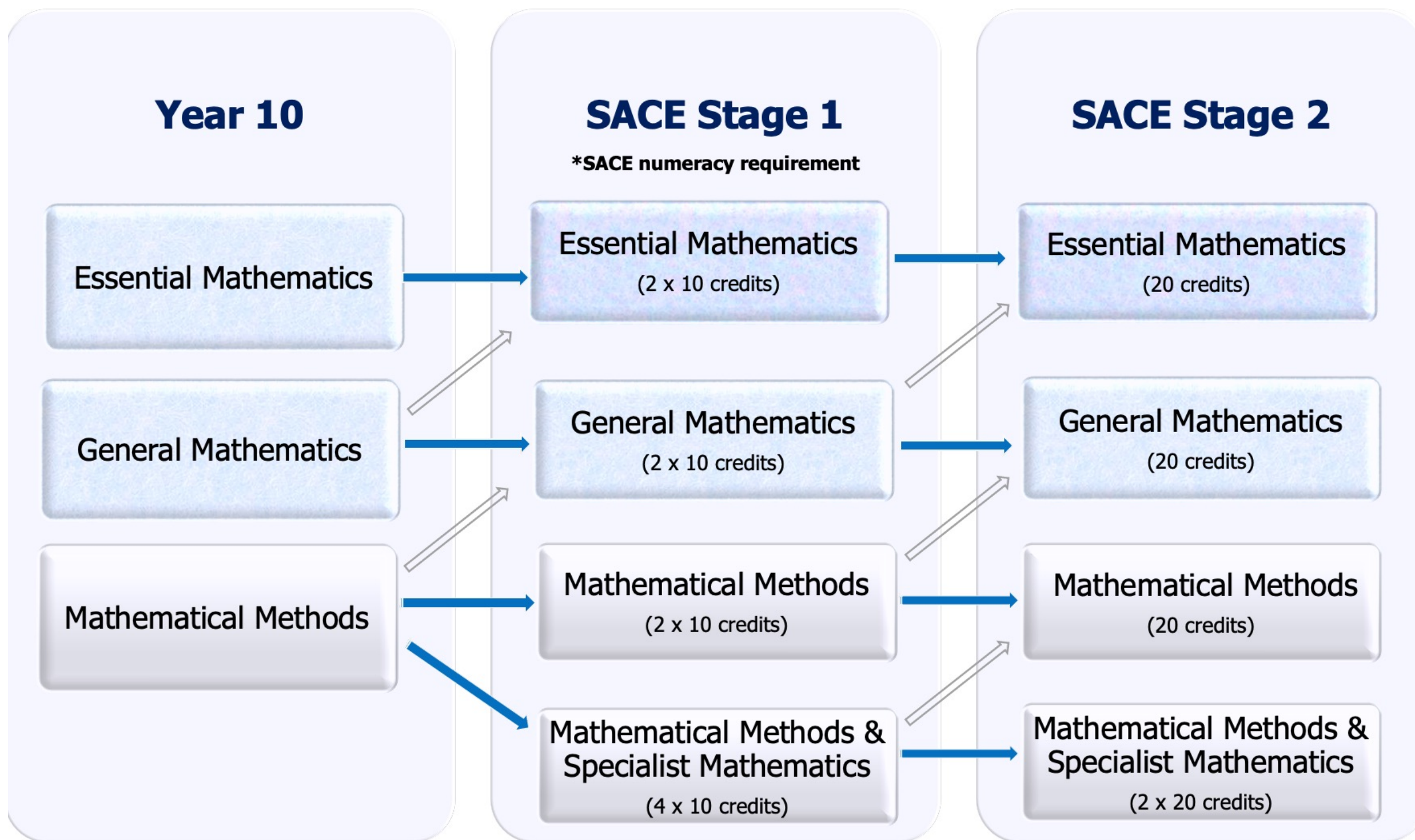


Mathematics

SACE Stage 1 subject choices 2025
Olga Kumar



Mathematics pathways

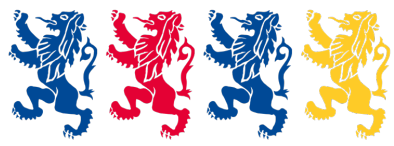




Humanities – David Albano

- Media Studies
- Geography
- Business Innovation
- Economics
- Philosophy
- Modern History

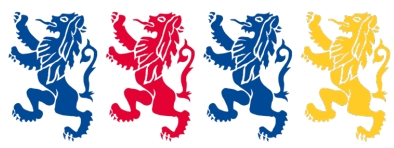




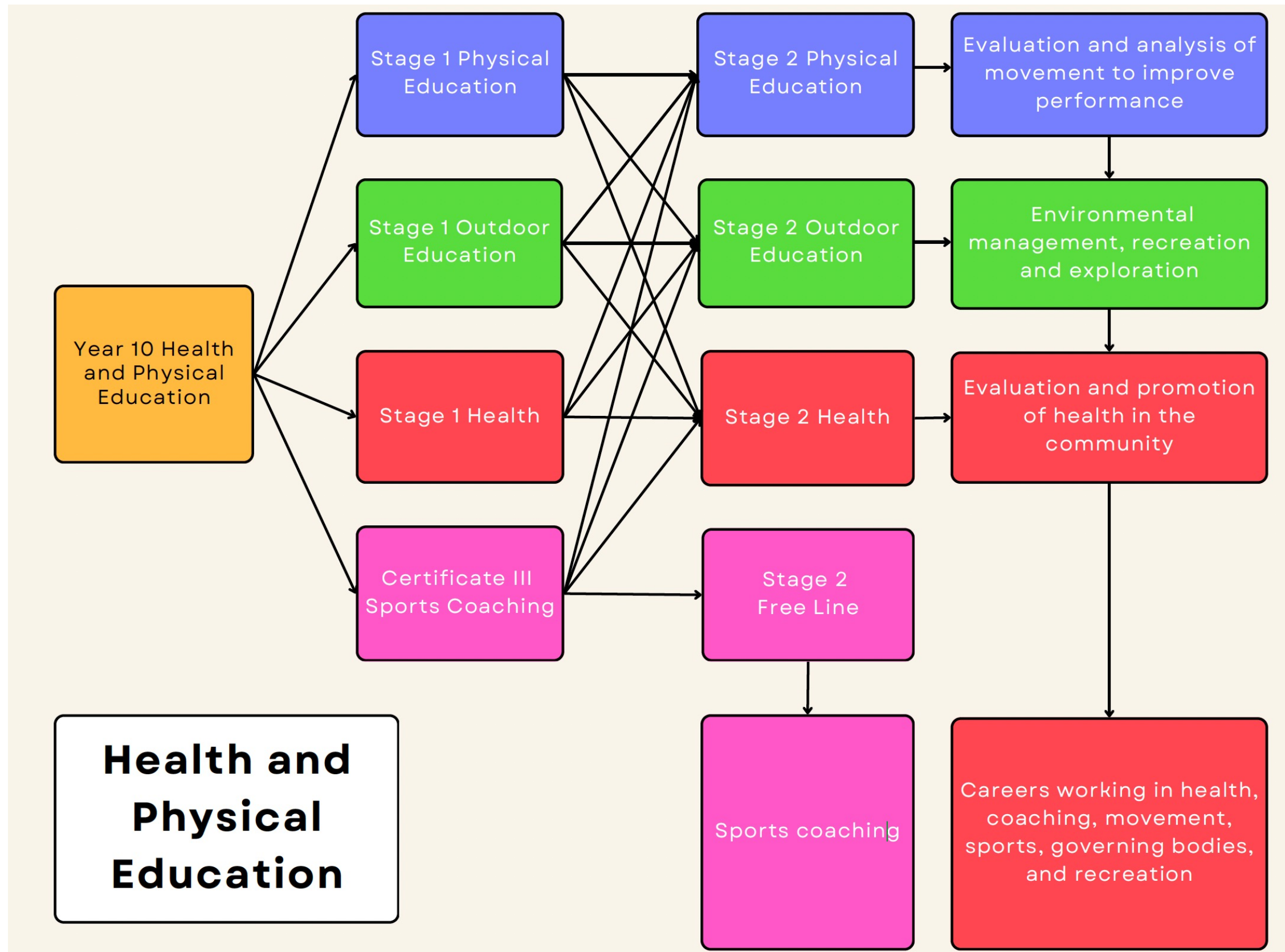
Health & Physical Education – Stuart Wuttke

- Stage 1 Physical Education (10 or 20 credits)
- Stage 1 Health & Wellbeing (10 credits)
- Stage 1 Outdoor Education studies (10 credits)
- Stage 1 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.



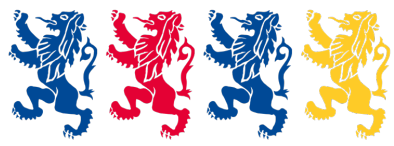
Health & Physical Education





Languages – Nhu Trinh

- **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/>



Languages

Why continue with your second language?

- Point of difference on your CV
- Desirable trait for employers in an increasingly international market
- Improve your critical thinking, analysis and creativity
- Increase your capacity for empathy and awareness of self and others



Technologies and Visual Arts – Jodi Monro

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

NOTE: Subjects with *, ** and *** please discuss further with Mrs Johnson due to SACE subject combination preclusions – there might be a solution!



Theatre Arts – Nicola Triglau

Stage 1 (10 or 20 credits)

- Dance
- Drama

Stage 2

- Dance (20 Credits)
- Drama (20 Credits)



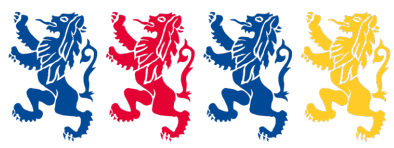
Music– Wes Brice

Stage 1 (10 or 20 credits)

- Music Advanced
- Music Experience

Stage 2

- Music Studies or Music Explorations (20 Credits)
- Music Performance: Solo (10 Credits)
- Music Performance: Ensemble (10 Credits)



Question and Answers

Mark Goreham (Head of Teaching & Learning) mgoreham@scotch.sa.edu.au

Olga Kumar (Mathematics) okumar@scotch.sa.edu.au

Michelle McGrath (Science) mmcgrath@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

Nhu Trinh (Languages) ntrinh@scotch.sa.edu.au

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

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

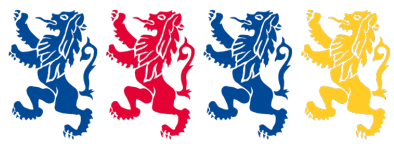
Wes Brice (Music) wbrice@scotch.sa.edu.au

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



Coming up...

- Service Learning - all year (compulsory 32 hours)
- Workplace Learning Term 3, Week 6 (5 days)
- Sem 2 Exams commence in Term 4, Week 4
- Yr 10 lessons recommence after exams
- Yr 10 lessons conclude Term 4, Week 7.
- Goose Island Expedition (5 days)



Term 3

- Online information 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 choices due Thursday 17 August, 2024
- Any questions, please ask