



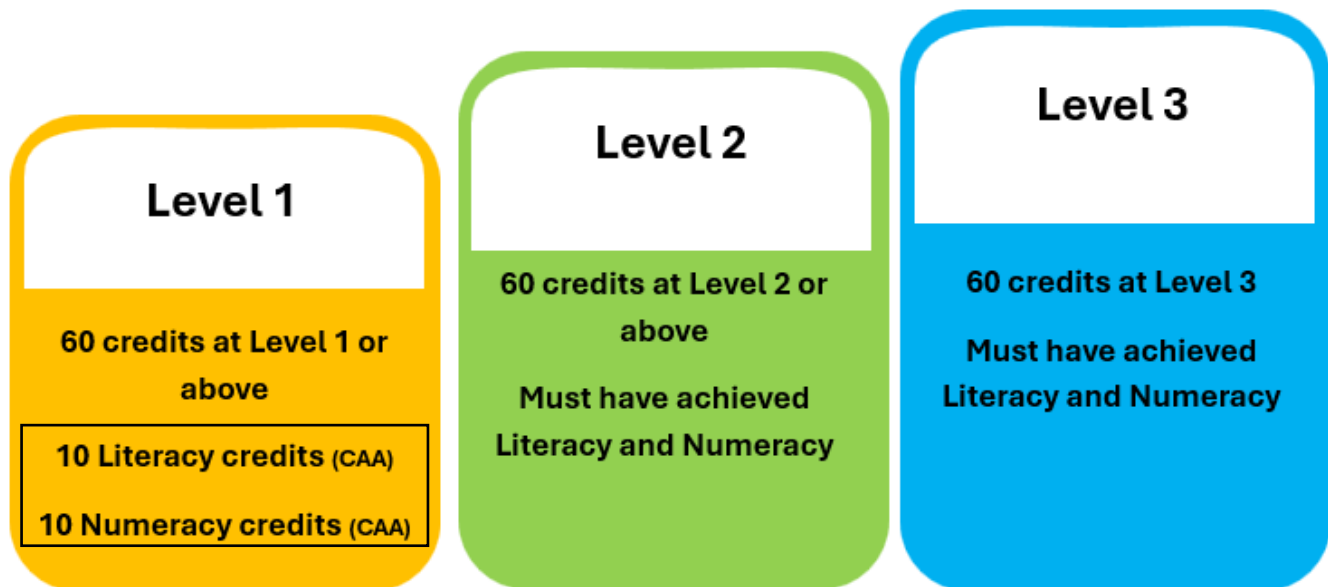
Morrinsville College

Year 12 and 13 Course Booklet

- **NCEA Qualification**
- **What subjects are available at Year 12 and 13?**



NCEA- How many credits do I need in Year 12 and 13?



How to gain Level 2 and Level 3 NCEA

To achieve Level 2 a student must have:

- 60 Level 2 or above credits
- Students must meet the Literacy and Numeracy requirements:
 - 10 Literacy credits through CAA or tagged Level 1 standards (*reading and writing*)
 - 10 Numeracy credits through CAA or tagged Level 1 standards

To achieve Level 3 a student must have:

- 60 Level 3 credits
- Students must meet the Literacy and Numeracy requirements:
 - 10 Literacy credits (*reading and writing*)
 - 10 Numeracy credits



University Entrance

You will need University Entrance (UE) to go directly from school to university or do a degree at Wintec.

To gain UE you will need all of the following:

- Level 3 NCEA
- 14 credits in each of **three approved subjects** at Level 3 (*see Year 13 subject page for approved subjects*)
- 10 credits at **Level 2 or 3 Literacy** (5 in reading, 5 in writing) in specified subjects
- 10 credits at **Level 1 Numeracy** or above in specified subjects

University Entrance is usually awarded in January and some universities will have their own **prerequisite requirements** for admission to programmes. You need to look at the university websites or talk to your Dean or book an appointment with Mrs Thomas to find out about these. For example, to study Music at university you must have completed Level 3 Music at high school.

Generally, Unit Standard assessments do not qualify as 'approved UE subjects'.

Subject endorsement

If you want to get a Merit or Excellence subject endorsement, you need to achieve 14 or more Merit or Excellence credits in that subject in a single year.

For example, if you're aiming to get NCEA Level 2 English with Excellence you have to get enough English achievement standards at Excellence level to add up to 14 credits or more.

At least three of these credits need to be from externally assessed achievement standards, plus at least three credits from internally assessed achievement standards.

Overall Endorsements

For an overall endorsement students must gain 50 credits at either Merit or Excellence level. So, if a student has 50 Level 1 credits at Excellence they may have their Level 2 certificate endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence) at Level 2 their NCEA Level 2 certificate may be endorsed with Merit.





Scholarship

If you are passionate about your favourite subject, or a high achiever looking to challenge yourself, talk with your subject teacher about entering New Zealand Scholarship.

NZ Scholarship recognises the top achievers in each subject.

- Students who achieve Scholarships in one or more subjects will receive a small monetary award.
- NCEA and Scholarship have different entry processes and are assessed separately.
- The aim is to assess a student's ability to synthesise and integrate concepts – to apply higher-level thinking based on in-school and independent learning.
- The content assessed for Scholarship is usually more in-depth than that covered for Level 3 Achievement Standards.

Before making a final decision on their course, students should consult the Careers Adviser or one of the Senior Deans. Please note: not all subjects offer Scholarship opportunities and it is at the discretion of the teachers/ Learning Area Leader.

Picking your Subjects

Students doing NCEA must consider their choice of subjects very carefully. They should consult with their parents/caregivers, Careers Adviser and Dean to decide which subjects to take and how these choices will progress to the next level at school or tertiary education. When picking your subjects you need to think about your future rather than picking classes based on what your friends are doing.

Picking a new subject at Level 3:

It is possible to pick up some subjects for the first time at Level 3 but only:

- at the LAL's discretion
- if you are prepared to do some background work over the holidays
- if you have gained satisfactory literacy and numeracy qualifications at Level 2
- if you are only entering one new subject

Some useful websites to have a look at when planning what subjects you may need to take are:

- www.tahatu.govt.nz
 - www.wintec.ac.nz
 - Any university website
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Who to see for more information:

Year 12 Dean – Mr McNamara. daniel-mcnamara@morrcoll.school.nz

Year 13 Dean – Miss Chambers. megan-chambers@morrcoll.school.nz

Careers Adviser - Mrs Thomas. jane-thomas@morrcoll.school.nz

NCEA Principals Nominee - Mr Prasad. nilesh-prasad@morrcoll.school.nz

Year 12 Subjects

You need to pick six subjects at Year 12

To achieve Level 2 a student must have:

- 60 Level 2 or above credits
- Students must meet the Level 1 Literacy and Numeracy requirements:
 - 10 credits Literacy credits through CAA or tagged standards (*reading and writing*)
 - 10 credits Numeracy credits through CAA or tagged standards

ENGLISH	MATHEMATICS	SCIENCE
English	Mathematics with Statistics	General Science
English Literacy (Internal/Unit Standards)	Mathematics with Calculus	Biology
	General Mathematics	Chemistry
		Physics
		Agriculture Science
		Horticulture Science



SOCIAL SCIENCES	THE ARTS	HEALTH AND PE
History	Music	Sports and Fitness
Geography	Dance	Sports Studies
Tourism	Drama	Health Studies
Economics	Visual Art	
Accounting	Photography and Design	
AgriBusiness		
TECHNOLOGY	LANGUAGES	CAREER PATHWAY
Home Economics & Food Technology	Japanese	Gateway
Hospitality	Te Reo Māori	Employment Skills
Digital Technology Science	Te Ao Māori	
Electronics	Te Ao Haka	
Digital Technology Wood		
Digital Technology Metal		



English is no longer a compulsory subject at Level 2. It is highly recommended that you take at least one subject that develops high literacy skills, such as English, Classical Studies, History or Geography, and a Mathematics subject.



Note: Year 12 students will have one period a week of General Studies. This is a course that rotates throughout the year. In these courses students will learn life skills such as CV writing, budgeting, driving theory etc.

Year 12 Subjects

You need to pick six subjects at Year 12.

English

12 English

Code: 12ENG	Credits available: 24	UE Writing: 14	UE Reading: 12
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Course outline: In this course, you will develop the ability to craft and control effective writing and to critically analyse and write about English literature, including written and visual/oral texts. Independent reading is a crucial part of this course; you will be reading, writing, and responding to several texts. You will be offered **two** external Achievement Standards and be expected to work towards them throughout the year.

12 English Literacy

Code: 12ENL	Credits available: 13	UE Writing:	UE Reading:
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Course outline: This course is only for those students who need support with literacy. It does not provide an adequate pathway towards tertiary study. It only offers **internal** credits. Two of these are Unit Standards. It does not provide any UE reading credits. In this course, you will continue to develop the ability to craft and control effective writing and to analyse and write about English literature, including written and visual/oral texts. *Those students who still need their CAAs will be given time and opportunity to continue working towards them.*





Mathematics

12 General Mathematics

Code: 12MAT

Credits available: 10

UE Writing:

UE Reading:

Course outline: This course offers 10 Level 2 **internal** credits. Students will study a variety of mathematics topics including Probability, Statistics, Coordinate Geometry and Networks. In addition, those *students who still need their Numeracy CAA will be given time and opportunity to continue working towards it*. The course is designed for those students who need mathematics for their future study pathway, but do not intend to major in Mathematics, Science or Engineering at University level or continue with mathematics at Level 3.

12 Mathematics with Statistics

Code: 12MAS

Credits available: 15

UE Writing:

UE Reading:

Course outline: In this course you will make inferences based on samples of data and explore a range of probability situations using a variety of mathematical tools. Students with an interest in Finance, Medicine, Veterinary Science or Social Services (Psychology) are encouraged to take this course. There are four internally and one externally assessed standards. If you are wanting to take Statistics at Level 3, it is recommended that you take this course and attempt the external assessment.

12 Mathematics with Calculus

Code: 12MAC

Credits available: 18

UE Writing:

UE Reading:

Course outline: In this course you will develop your skills in Algebra and Graphs, and you will be introduced to Calculus methods. Students with a keen interest in Science, Technology and Engineering are encouraged to take this course. To do well, you will need to dedicate time at home to practice the many skills taught. There are three internally and two externally assessed standards offered. If you are wanting to take Calculus at Level 3, it is expected that you take this course and attempt **both** of the external assessments.



Science

12 General Science

Code: 12SCI

Credits available: 19

UE Writing:

UE Reading:

Couse Outline: In this course we will study a range of different topics with a large practical component. Potential topics include volcanoes, chemical reactions and animals living in extreme environments. Other topics may be included to cater towards the interests of students who select the programme. There will be a large practical component throughout this course. 12SCI is a great option for students who are interested in carrying on with a Science subject but do not want to specialise in one specific area. It is aimed towards students that like hands on learning and experimenting. This course is fully assessed by internal assessments.

12 Biology

Code: 12BIO

Credits available: 19

UE Writing: 8

UE Reading:

Course outline: Biology is all about the study of living organisms and their interactions - provides a basis for understanding of the natural environment. Year 12 Biology will develop an understanding of biological concepts to provide a good platform for further studies in Biology and related subjects. Students who have an interest in the natural world will find this course interesting. Key topics covered in this course are cells, genetics and ecology.

12 Chemistry

Code: 12CHE

Credits available: 15-19

UE Writing:

UE Reading:

Course outline: Chemistry is the study of the materials that make up everything around us in the taiao (environment). It helps us to understand the way that materials are made up and how chemicals interact in different situations. The course involves a large practical component that complements the theoretical learning.



12 Physics

Code: 12PHY

Credits available: 19

UE Writing:

UE Reading:

Course outline: Physics is the study of matter, energy and the relationship between the two. It is about how and why things work as they do. This course provides the foundation for many other areas of Science and is key for those students interested in fields such as engineering, meteorology and radiology. Key topics include electricity, mechanics, atomic theory and experimental techniques.

Recommended that you are taking a Level 2 Calculus class.

12 Agricultural Science

Code: 12AGR

Credits available: 20

UE Writing:

UE Reading:

Course outline: This course continues the pathway towards tertiary studies in Agricultural Science commenced in Year 11. It provides a good base for students intending to enter the Primary Industries sector through tertiary or polytechnic courses, farm cadets or other work schemes associated with farming. There will be opportunities for those students who have out of school farm access to attempt the more practical Unit Standards.

12 Horticulture Science

Code: 12HRT

Credits available: 22

UE Writing:

UE Reading:

Course Outline: This course builds on learning from Year 11 and focuses on commercial horticultural production in New Zealand. It offers a valuable pathway for students interested in further study in horticulture, environmental science, or plant-based industries. The course also supports career readiness for those seeking employment or training in the Primary Industries sector, including nursery work, landscape horticulture, and production growing.





Social Sciences

12 History

Code: 12HIS

Credits available: 19

UE Writing: 5

UE Reading: 19

Course Outline: Are you curious about the secrets, scandals, and high-stakes moments that changed the world? Year 12 History throws you into some of the most gripping real-life dramas in modern history. You'll investigate the 1972 Munich Olympics Crisis, where sport and terrorism collided. You'll unpack the Cuban Missile Crisis — 13 days when the world stood on the edge of nuclear war. Dive into the world of political assassinations and explore how a single act can shake entire nations. Plus, you'll complete an independent research task, following your curiosity wherever it leads. If you love solving puzzles, asking bold questions, and discovering the “why” behind global events, this course is for you.

History isn't just learning about the past — it's learning how to think for the future.

12 Geography

Code: 12GEO

Credits available: 18

UE Writing:

UE Reading:

Course outline: Level 2 Geography explores how people interact with natural and cultural environments, both in Aotearoa and around the world. Dive into global issues like global extinction, population growth, and resource use, while building on Level 1 knowledge. Develop critical thinking and geographic skills as you analyse different perspectives and uncover how people shape—and are shaped by—their environments. Apply your learning through hands-on fieldwork and discover how Geography connects us to global challenges and opportunities for a sustainable future.

12 Tourism

Code: 12TOU

Credits available: 20

UE Writing:

UE Reading:

Course outline: Tourism takes you on a global journey through one of the world's biggest industries. Discover how tourism has evolved, how it operates today, and the impact it has on people, cultures, and the environment. Explore iconic destinations and world-famous attractions! Learn about career pathways and the wide range of roles within the tourism sector. This course is perfect for sparking a passion for travel and understanding the world beyond your own.





12 Economics

Code: 12ECO

Credits available: 14

UE Writing:

UE Reading: 14

Course outline: Get ready to make sense of the world around you! This course dives into five key areas of economics: essential terms and concepts, inflation, trade, economic growth, and employment. You'll explore how money moves, why prices rise, how countries trade, and what drives jobs and prosperity. Designed to build strong foundational knowledge, this course sets you up for success in Year 13 Economics and beyond. It's real-world learning that helps you understand the forces shaping everyday life!

12 Accounting

Code: 12ACC

Credits available: 15

UE Writing:

UE Reading:

Course outline: Accounting is an essential skill for anyone planning to manage, lead, or run a business—whether you're a future plumber, builder, farmer, retailer, or aspiring entrepreneur. It's also invaluable for anyone looking to invest wisely or handle taxes with confidence. This course gives you a solid foundation in understanding business accounts and financial decision-making. In today's fast-paced world, knowing how money moves gives you a real advantage. Whether you're self-employed or climbing the corporate ladder, accounting gives you the tools to stay in control, make smart choices, and succeed in any financial or business setting.

12 AgriBusiness

Code: 12AGB

Credits available: 16

UE Writing: 5

UE Reading: 5

Course outline: This course has been designed to encourage students to become financially literate and to show students how to set up and run a business. Topics covered include business planning, cash flow forecasting, market research, sales and advertising and financial record-keeping. Throughout the course emphasis will be placed on agriculture and business skills will be developed in relation to primary industries.



The Arts

12 Music

Code: 12MUS

Credits available: 39

UE Writing:

UE Reading:

Course outline: This course blends the best of performance and industry-based music training into one exciting, hands-on experience. You'll develop your skills through live performance, composition, music theory, and cutting-edge music technology. Whether you're jamming in a band, producing tracks, or writing your own music, this course offers the tools and freedom to explore your sound. Designed for both aspiring professionals and passionate performers, it opens pathways to tertiary study, music industry careers, or simply a lifelong love of music. If you're ready to create, perform, and produce—this is your stage to shine.

Special requirements: Students **must be learning an instrument or singing** either through school or community. Students must be involved in musical groups either in school or in the community and attend rehearsals when these occur.

12 Dance

Code: 12DAN

Credits available: 18-22

UE Writing:

UE Reading:

Course outline: In Senior Dance, students refine their choreographic, performance, and analytical skills through a range of challenging and expressive dance works. Drawing from diverse styles and influences, students create original choreography, perform with confidence and artistry, and critically examine dance in context. The course fosters creativity, collaboration, and independence, while preparing students for further study in the arts or related fields.

Special requirements: A **compulsory** part of this course is to perform in the School Showcase, a public performance. A pair of jazz shoes will be required for this course of study.





12 Drama

Code: 12DRM

Credits available: 18-22

UE Writing:

UE Reading: 17

Course outline: Step into the spotlight with this dynamic Theatre Performing Arts course! You'll explore both classic and contemporary plays, diving into powerful stories and characters from across time. Learn the theory behind performance while building practical skills on stage. From voice and movement to character development and ensemble work, you'll bring scripts to life through exciting, performance-based assessments. Whether you're passionate about acting or curious about the world of theatre, this course offers creativity, confidence, and collaboration. It's perfect for anyone who loves storytelling, expression, and the thrill of live performance. Let the stage be your classroom!

Special requirement: *A compulsory part of this course is to perform in the School Showcase, a public performance.*

12 Visual Arts

Code: 12ART

Credits available: 16-20

UE Writing:

UE Reading:

Course outline: The aim of the Year 12 Art course is to provide students with a thorough grounding in painting and/or printmaking practices. Students will research and apply traditional and contemporary Art ideas in a systematic way through to finished artworks.

- **Painting and Print Making Course:** The internal assessments AS91311 (2.2) and AS91316 (2.3) are integrated to create a body of work from which students produce the externally assessed AS91321 (2.4 painting portfolio).

Recommended *that students have taken Art or Design at Level 1.*

12 Photography and Design

Code: 12DTD

Credits: 20

UE Writing:

UE Reading:

Course Outline: This course is about developing your knowledge of photography and design and extending your skills in a range of digital art making media. In the Level 2 course students will learn how to create conceptual and authentic real-world design outcomes. The course focuses on developing skills in contemporary design practice, using digital tools like Adobe Photoshop, Illustrator, and InDesign.





Health and PE

12 Sports and Fitness

Code: 12SPF

Credits available: 14

UE Writing: 7

UE Reading:

Course outline: Get active, challenge yourself, and grow as a leader in this action-packed Sport Studies course! Fully internally assessed, this course combines hands-on physical challenges with in-class learning and assessments. You'll develop your physical skills, knowledge, and values through swim/runs, mountain runs, and an unforgettable outdoor leaders' camp in Term 3. Build your fitness, master key motor skills, understand training principles, and gain confidence in managing risks in outdoor environments. Perfect for students who love the outdoors and enjoy learning through movement, teamwork, and practical experience.

12 Sports Studies

Code: 12SPS

Credits available: 19

UE Writing:

UE Reading:

Course outline: The course develops students' knowledge and understanding of training for physical activity and learning biophysical skills, biomechanics of anatomy and applying risk management strategies in the outdoors and social responsibility in physical activity. This course takes a more academic focus and is aimed for students intending to take their interest in physical education further into tertiary studies or the physical health sector such as Personal Trainer, Teacher, Coach etc.

12 Health Studies

Code: 12HLT

Credits available: 15

UE Writing:

UE Reading:

Course Outline: This course is structured around the three key areas of learning in the Health curriculum: mental health, relationship and sexuality education, and food and nutrition. Year 12 Health Studies explores the factors that influence people's ability to manage change, both personally and within their communities. Students will learn to plan and apply health promotion strategies aimed at improving well-being and making positive lifestyle choices. The course also involves analysing a range of adolescent health issues, developing critical thinking skills and practical approaches to address these in real-world contexts. Through both theoretical and practical learning, students will build the knowledge, skills, and confidence to make informed decisions about their own health and contribute to the well-being of others.





Technology

12 Home Economics & Food Technology

Code: 12HEC

Credits available: 22-32

UE Writing:

UE Reading:

Course outline: This course empowers students to take meaningful action to improve health and well-being at personal, community, and societal levels. With a strong focus on sustainable, health-enhancing change in nutrition. A key feature of the course is practical food preparation, allowing students to build valuable life skills while exploring nutrition and healthy living. Through hands-on activities and critical thinking, students will gain the skills to lead healthier lives and inspire others to do the same.

12 Hospitality

Code: 12HSP

Credits available: 22-30

UE Writing:

UE Reading:

Course Outline: In Level 2 Hospitality, students explore different strands of the Hospitality industry from coffee, production and service, different cooking techniques and food safety. This course will suit anyone with a strong interest in pursuing a career or tertiary study in Hospitality, in roles such as service industries, hospitality management, food and beverage management, entry-level cooks/chefs, and catering workers. Students will be expected to be involved with any catering opportunities at school as this will be a very handy set of skills to possess for those who want to continue in the industry or anticipate working part-time in the services industry while they complete their university studies.

12 Metal (Digital Technology Metal)

Code: 12DTM

Credits available: 22

UE Writing:

UE Reading:

Course outline: In this hands-on course, students will choose an activity they're involved in or passionate about and design a product to enhance their own or someone else's experience of it. From concept to creation, you'll develop a one-off solution tailored to your brief. You'll begin with a conceptual model, test and refine your design, then build and evaluate a final product for its fit for purpose. This course is all about creativity, problem-solving, and turning ideas into real, usable outcomes.

Note: There is an additional cost to this subject to help cover costs of material.



12 Wood (Digital Technology Wood)

Code: 12DTW

Credits available: 24

UE Writing:

UE Reading:

Course outline: Students will complete Unit Standards developed by the building and construction industry training organisation (BCITO). They will learn and demonstrate knowledge of hand tools while completing three practical projects in the school's workshops.

Note: There is an additional cost to this subject to help cover costs of material.

12 Digital Technology Computer Science

Code: 12DTS

Credits available: 28

UE Writing:

UE Reading:

Course outline: This course has a primary focus on Computer Programming and Computer Science. This will be an Achievement Standards course allowing some variation in the course to meet the needs of individual students. This course contains planning, designing, creating, and critical evaluation in a computer programming context. This course offers students the skills to be initiators of change and development in the world of tomorrow!

12 Electronic and Design

Code: 12DTE

Credits available: 21

UE Writing:

UE Reading:

Course Outline: Engage in real-world problem-solving through creative, project-based learning! Design sustainable buildings in *Minecraft Education* and address environmental issues like e-waste. Explore architecture, product design (e.g., desk lamps), SMART home technology, and sustainability. Use freehand sketching and professional tools like *SketchUp* for architectural and product design. Learn how SMART lighting works and how it's used in modern homes. This course delivers a dynamic, hands-on design experience that blends creativity, innovation, and sustainability!

Note: There is an additional cost to this subject to help cover costs of material.





Languages

12 Japanese

Code: 12JAP

Credits available: 19

UE Writing:

UE Reading:

Course outline: The aim of this course is to continue to develop the communication skills of reading, writing, speaking and listening and to learn more of Japanese life and culture. Topics include: Food culture, recreation, relationships and school system. There is a scholarship opportunity to go to Japan for a successful applicant.

Recommended that students have completed Japanese at Level 1.

12 Te Reo Māori

Code: 12TER

Credits available: 16

UE Writing:

UE Reading:

Course outline: Year 12 Te Reo will be taught at NCEA Level 2 at Level 7 of the Curriculum. This year student learning contexts will involve, Powhiri, ngā rāwekeweke ā ngā tūpuna (famous ancestral deeds), ngā whainga mō ngā tau ka heke mai (goals and aspirations) and Manaakitanga (caring for others). Year 12 Te Reo will be used to set a base so students can move on to Te Reo NCEA Level 3 in Year 13.

Recommended that students have completed Te Reo Māori at Level 1.

12 Te Ao Māori

Code: 12TEA

Credits available: 21

UE Writing:

UE Reading:

Course outline: Year 12 Te Ao Māori is a course designed to teach students about different aspects of the Te Ao Māori (the Māori World), while assisting them in gaining their NCEA qualifications. Students will be working at Level 2 of NCEA. All standards are Unit Standards that have been taken from a cross section of learning subjects.

12 Te Ao Haka

Code: 12TAH

Credits available: 20

UE Writing:

UE Reading:

Course outline: Aakonga at Level 2 explores their own creativity, and waiata composition based on the Key Features and Elements that enable students to compare performance styles and dynamics within their own creative space.



Career Pathways

12 Gateway

Code: 12GAT

Credits available: 20+

UE Writing:

UE Reading:

Course outline: Gateway offers students a chance to study and work towards a career in an industry of their choice. Students will complete an 80 hour work placement at a local employer during Term 2 or 3 and will also complete industry based Vocational Pathway Unit Standards in this industry area, aiming to gain a minimum of 20 credits.

Recommended that students have a strong idea of what career industry area the student is interested in. **Students need to apply for Gateway and will be interviewed before being accepted.**

12 Employment Skills

Code: 12EMP

Credits available: 18

UE Writing:

UE Reading:

Course outline: Employment Skills prepares students for real-life success—at work and beyond. Through practical Unit Standards and personalised topics, students build essential life skills and career readiness. Topics include renting and flatting, understanding tax and traffic laws, exploring career options, accessing legal help, boosting income, borrowing wisely, and handling consumer issues. This course equips students with the confidence and knowledge to navigate adult life and make smart, informed decisions for their future.





Year 13 Subjects

You will be studying FIVE subjects at Year 13.

Level 3 NCEA

- To gain this qualification you need a total of 60 credits from Level 3 or above.
- Have achieved your CAA
- Most courses offer approximately 20 credits.

University Entrance

- You will need University Entrance (UE) to go directly from school to university.
- To be awarded UE you will need all the following:
 - Gained Level 3
 - 14 credits in each of **three approved subjects** at Level 3
- **UE Literacy:**
 - 10 credits at Level 2 or above (5 in reading, 5 in writing) in specified subjects
- **UE Numeracy**
 - 10 credits at Level 1 or above in specified subjects

UE approved subjects are highlighted in RED

ENGLISH	MATHEMATICS	SCIENCE
English	Mathematics with Statistics	Biology
	Mathematics with Calculus	Chemistry
		Physics
		Agriculture Science
SOCIAL SCIENCES	THE ARTS	HEALTH AND PE
History	Music	Sports Studies





Geography	Dance	
Tourism	Drama	
Economics	Visual Art	
Accounting	Photography and Design	
AgriBusiness		
Classics (New subject)		
TECHNOLOGY	LANGUAGES	CAREER PATHWAYS
Home Economics & Food Technology	Japanese	Gateway
Hospitality	Te Reo Māori	Employment Skills
Digital Technology Science	Te Ao Māori	
Electronics & Design Technologies	Te Ao Haka	
Technology Wood		
Technology Metal		





Year 13 Subjects

English

13 English		UE Approved Subject	
Code: 13ENG	Credits available: 27	UE Writing: 14	UE Reading: 4
Course outline: This course extends and develops your ability to craft and control fluent and coherent writing and to critically analyse and write about English literature, including written and visual/oral texts. You will be offered two external Achievement Standards, and you will need to complete one of these if you wish to attend university in 2027. You will also be offered a range of internal Achievement Standards. Some of these are compulsory. Studying English literature encourages independent thinking, learning and communicating, which are essential life-long skills.			

Mathematics

13 Mathematics with Statistics			UE Approved Subject
Code: 13MAS	Credits available: 23	UE Writing: 0	UE Reading: 0
Course outline: This course involves primarily the study of statistics and probability, but there are aspects of algebra and computational skills as well. Calculators and computers are used extensively. This course also requires the ability to research and write reports. Many questions require considerable interpretations, so a reasonable standard of English is required. Mathematics with Statistics is intended for students considering majoring in mathematics at university, or for those interested in biological or social sciences, medicine, commerce and administration. It also leads to a career in primary industries. Students are given the option of doing three internals and either one or two externals.			

13 Mathematics with Calculus		UE Approved Subject	
Code: 13MAC	Credits available: 22	UE Writing: 0	UE Reading: 0
Course outline: This course is appropriate for students with a major interest in mathematics, science, engineering, economics and technology, and who intend to go on to study any of those at university level. Students will learn sophisticated differentiation and integration techniques, graphical modelling techniques and how to solve systems of linear equations. A strong grasp of Year 12 algebra skills is required for success. Assessment in this course is by Achievement Standards. There are three internally and 2 two externally assessed standards.			





Science

13 Biology		UE Approved Subject	
Code: 13BIO	Credits available: 19	UE Writing: 9	UE Reading: 15
Course outline: This course includes both practical and theory aspects. It is designed to produce students with a strong background in Biology who could successfully continue tertiary studies in biologically related courses or into related employment. Biology is a dynamic subject that allows young adults to perceive and explain their world from a biological perspective. Key topics include evolution, speciation, heat regulation in humans and investigations into the plant life on Mt Tongariro.			

13 Chemistry		UE Approved Subject	
Code: 13CHE	Credits available: 18-23	UE Writing: 3	UE Reading: 7
Course outline: Chemistry studies the materials that makeup all the matter around us in the taiao (environment). In this course we build on concepts covered in Year 12, for example, redox processes and types of substances while exploring new topics like ocean acidification and spectroscopy.			
Recommended that students have 10 credits from Year 12 Chemistry or LAL discretion.			

13 Physics		UE Approved Subject	
Code: 13PHY	Credits available: 19	UE Writing:	UE Reading:
Course outline: In this course, we take the foundations of Year 12 mechanics and electromagnetism and push them further—unlocking the mysteries of modern physics while mastering the hands-on skills needed to investigate real-world phenomena.			
Recommended that students taken 12PHY or LAL discretion. Highly recommended to be taken alongside a Level 3 Calculus.			



13 Agricultural Science

UE Approved Subject

Code: 13AGR

Credits available: 19

UE Writing: 15

UE Reading: 11

Course outline: This course continues the pathway towards tertiary studies in Agricultural Science commenced in Years 11 and 12 as well as providing a good base for students intending to enter the farming sector through polytechnic courses, farm cadets and other work schemes associated with farming.



Social Sciences

13 History

UE Approved Subject

Code: 13HIS

Credits available: 21

UE Writing: 6

UE Reading: 21

Course outline: Step into the past to uncover the stories that shaped the world — and challenge how we see it today. In Year 13 History, you'll start by digging into conspiracy theories and contested events and learn how to separate truth from misinformation. Then, uncover powerful moments in history like the Warsaw Ghetto Uprising, a story of resistance and courage during one of the darkest times in human history. You'll explore the rise of Elizabeth I, a queen who defied expectations and faced deadly conspiracies of her own. And finally, connect it all back to home with an aspect of New Zealand's history. This course is for students who love a good mystery, enjoy debating ideas, and want to sharpen their ability to think critically and question the world around them. History isn't just about what happened — it's about why it matters.



13 Geography		UE Approved Subject	
Code: 13GEO	Credits available: 18	UE Writing: 4	UE Reading: 18
Course outline: Level Three Geography takes you beyond the classroom and into the real world! Explore how people interact with both natural wonders and cultural landscapes, and tackle some of the most pressing global issues of our time. You'll dive deep into contemporary challenges, uncover multiple perspectives, and consider smart, sustainable solutions for the future. Building on the foundations of Level Two, this course sharpens your critical thinking and geographic skills—culminating in an unforgettable three-night field trip to the stunning Tongariro, where you'll see theory come to life through hands-on fieldwork in one of New Zealand's most dramatic natural environments.			

13 Tourism			
Code: 13TOU	Credits available: 18	UE Writing: 0	UE Reading: 0
Course outline: Level Three Tourism is your passport to discovering the world! This course takes you deep into the heart of the global tourism industry—how it works, why it matters, and where it can take you. Explore iconic destinations across the Pacific Islands, Australia, and beyond, while diving into the unique natural and cultural attractions that make New Zealand a top travel hotspot. With tourism as New Zealand's number one export industry, this subject opens doors to a world of career opportunities—from eco-tourism and adventure travel to event management and international hospitality.			

13 Classics		UE Approved Subject	
Code: 13CLS	Credits available: 26	UE Writing: 14	UE Reading: 26
Course outline: Step into the ancient world and discover how Greece and Rome shaped the modern world! Classical Studies is a fascinating mix of history, art, mythology, drama, politics, and philosophy. You'll explore the bold leadership of Alexander the Great, the stunning art of the Roman Empire, and the sharp wit of Aristophanes' comedies. Through these topics, you'll uncover how ancient ideas still influence today's culture, politics, and society. Students are recommended to have a good standard of literacy skills as this subject is essay based. This multi-disciplinary course is perfect for curious minds who love epic stories, powerful personalities, and exploring the roots of modern civilisation. Travel back in time to understand the world we live in today!			



13 Economics

UE Approved Subject

Code: 13ECO

Credits available: 15

UE Writing: 8

UE Reading: 15

Course outline: Explore how the world really works in this engaging Economics course! You'll dive into real-world issues like inflation, business, and government decisions, and discover how they shape our everyday lives. Learn how markets operate, why prices change, and how government policies impact people, businesses, and the wider economy. By the end of the course, you'll understand key economic concepts and be able to apply them to current events. You'll also explore the powerful connections between economics, politics, and society—gaining insights that will help you make sense of the world around you, now and in the future.

13 Accounting

UE Approved Subject

Code: 13ACC

Credits available: 17

UE Writing: 5

UE Reading: 5

Course outline: Take your accounting skills to the next level! This advanced course builds on Level 1 and 2 concepts and dives deeper into the financial world of partnerships and companies. You'll learn how to prepare cash-flow statements, create budgets, and explore cost accounting to help managers make smart decisions. Discover how internal controls work and how financial data drives real-world business choices. Perfect for students planning to study Accounting or Business Management at tertiary level, this course gives you the tools and confidence to understand and manage the financial side of any organisation.



13 AgriBusiness

UE Approved Subject

Code: 13AGB

Credits available: 15

UE Writing: 5

UE Reading: 15

Course outline: Develop essential business skills with a focus on the primary industry in this practical course. You'll explore business planning, market research, sales, advertising, production, and financial record-keeping—all within the context of farming and agribusiness. Learn how to manage operations effectively, make informed decisions, and promote products in a competitive market. This course equips you with the real-world business skills needed to succeed.

The Arts

13 Music

UE Approved Subject

Code: 13MUS

Credits available: 14-62

UE Writing: 0

UE Reading: 0

Course outline: Year 13 Music allows the students to create and lead their programme-based learning on their interests and capabilities with consultation with their teacher. This course is designed to lead students on to tertiary study, industry-based work or for the continued development and enjoyment of the discipline.

Special requirements: Students will **choose at least 14 credits** or more for this course and will work diligently to complete their project. Students **must be learning an instrument** either through school or community. Students must be involved in musical groups either in school or in the community and attend all rehearsals when these occur.

Recommended that students wishing to sit NCEA Music must have an ability to sing or play an instrument confidently and competently, or up to at least Grade 4 Level. An audition may be required at the start of the course.





13 Dance		UE Approved Subject	
Code: 13DAN	Credits available: 22-26	UE Writing: 4	UE Reading: 0
Course outline: Course outline: In Senior Dance, students refine their choreographic, performance, and analytical skills through a range of challenging and expressive dance works. Drawing from diverse styles and influences, students create original choreography, perform with confidence and artistry, and critically examine dance in context. The course fosters creativity, collaboration, and independence, while preparing students for further study in the arts or related fields. Special requirements: <i>A compulsory part of this course is to perform in the School Showcase, a public performance. A pair of jazz shoes will be required for this course of study.</i>			

13 Drama		UE Approved Subject	
Code: 13DRM	Credits available: 18-27	UE Writing: 9	UE Reading: 17
Course outline: Explore the exciting world of Theatre Performing Arts through a mix of practical performance and dramatic theory. You'll work with both classic and contemporary scripts, developing skills in acting, voice, movement, and ensemble work. Build confidence, creativity, and stage presence as you bring characters and stories to life. This course is perfect for students who enjoy storytelling, collaboration, and live performance. Special Requirement: <i>A compulsory part of this course is to perform in the School Showcase, a public performance.</i>			

13 Art - Visual Art		UE Approved Subject	
Code: 13ART	Credits available: 22	UE Writing: 0	UE Reading: 0
Course outline: The Year 13 Art course is designed to build upon and develop student's theoretical and practical knowledge of established practice. Painting and Print Making Course: The internal assessments are integrated to create a body of work from which students can develop their own ideas and interests to produce the externally assessed part of the course.			





13 Photography and Design		UE Approved Subject	
Code:13DTD	Credits available: 22	UE Writing: 0	UE Reading: 0
Course Outline: This course is about developing your knowledge of photography and design and extending your skills in a range of digital art making media. The course focuses on developing skills in contemporary design practice, using digital tools like Adobe Photoshop, Illustrator, and InDesign. In Level 3 students will work on a portfolio based on a self-chosen proposal.			

Health and PE

13 Sports Studies		UE Approved Subject	
Code: 13SPS	Credits available: 20	UE Writing: 0	UE Reading: 8
Course outline: This action-packed course is a perfect blend of 50% hands-on practical and 50% engaging theory. You'll sharpen your knowledge while diving into real-world challenges—like analysing Safety Management in Mountain Biking, designing and testing your own training programme for the Tough Guy/Gal Challenge, and exploring how iconic sporting events shape New Zealand's culture and society.			



Technology

13 Home Economics & Food Technology		UE Approved Subject	
Code: 13HEC	Credits available: 25 (AS) & 8 (US)	UE Writing: 4	UE Reading: 5
Course outline: Get ready to explore the big questions around food and health! In this course, you'll investigate hot topics and new ideas in nutrition, uncover what really influences people's choices, and challenge the attitudes and values that shape well-being—yours and society's. Plus, you'll bring it all to life with plenty of practical, creative cooking.			





13 Hospitality			
Code: 13HSP	Credits available : 30-40	UE Writing:	UE Reading:
Course Outline: Students explore complex processing operations and undertake guided and independent research in the realms of coffee history, knowledge, production and service, culinary products and terms, and nutrition principles. Anyone with a strong interest in pursuing a career or tertiary study in Hospitality, in roles such as service industries, hospitality management, food and beverage management, entry-level cooks/chefs, and catering workers of all kinds, will enjoy this course. Students will be expected to be involved with any catering opportunities at school for hands on experience.			

13 Metal (Digital Technology Metal)		UE Approved Subject	
Code: 13DTM	Credits available: 18	UE Writing: 0	UE Reading: 0
Course outline: In this course, you'll take a client's needs and turn them into reality—starting with a creative concept, modelling it in materials, and testing it against your brief. Then, you'll level up your idea into a working prototype, implement it, and evaluate how well it meets its purpose in the real world. Note: There is an additional cost to this subject to help cover costs of material.			

13 Wood (Digital Technology Wood)			
Code: 13DTW	Credits available: 20	UE Writing: 0	UE Reading: 0
Course outline: In this course, you'll gain hands-on experience by completing unit standards from the Building and Construction Industry Training Organisation (BCITO). You'll master the use of tools and machines while bringing your skills to life through practical projects in the school's workshops. Note: There is an additional cost to this subject to help cover costs of material.			





13 Digital Technologies Computer Science		UE Approved Subject	
Code: 13DTS	Credits available: 28	UE Writing: 0	UE Reading: 0
Course outline: Year 13 Digital Technologies Computer Science course offers Achievement Standards and unit standards where necessary allowing students a choice of Standards. While the focus is on programming and computer science there is ample scope for design and creativity and extending students who enjoy a challenge. This course develops the skills needed to go on to university, polytechnic, or employment and to be an initiator of change and development in the world of tomorrow.			

13 Electronics & Design Technology		UE Approved Subject	
Code: 13DTE	Credits available: 12	UE Writing: 0	UE Reading: 0
Course Outline: Step into the world of sustainable design by creating your own modern, eco-friendly tiny home! In this course, you'll explore architecture, biophilic design, and SMART home technology using tools like <i>Minecraft Education</i> , <i>SketchUp</i> , and <i>Google Earth</i> . Research famous architects, geolocate a real building site, and design a SMART desk lamp as part of your product design project. Bring your ideas to life through freehand sketches with fountain pens and watercolours and build digital models in <i>SketchUp</i> . You'll also write a short APA-referenced essay on e-waste, combining creativity, sustainability, and real-world problem solving in one exciting course. Note: There is an additional cost to this subject to help cover costs of material.			

Languages

13 Japanese		UE Approved Subject	
Code: 13JAP	Credits available: 19	UE Writing: 0	UE Reading: 0
Course outline: The aim of this course is to continue to develop the communication skills of reading, writing, speaking and listening and to learn more of Japanese life and culture. There is a scholarship opportunity to go to Japan for a successful applicant. Topics include: media and entertainment, travel and tourism, employment, the environment and food culture. Recommended that students have studied Japanese at Level 1 and 2.			





13 Te Reo Māori		UE Approved Subject	
Code: 13TRM	Credits available: 28	UE Writing: 12	UE Reading: 6
Course outline: Year 13 Te Reo will be taught at NCEA Level 3 at level 8 of the curriculum. This year student learning contexts will vary and be based around Te Mararautanga o Aotearoa. Year 13 Te Reo will be used to set a base so students can move on to tertiary education. Contexts students will study include: • Whakarongo • Korero • Panui • Tuhituhi • Waihanga Tuhinga			

13 Te Ao Māori			
Code: 13TEA	Credits available: 34	UE Writing: 20	UE Reading: 10
Course outline: Year 13 Te Ao Māori is a course designed to teach students about different aspects of the Te Ao Māori (the Māori World), while assisting them in gaining their NCEA qualifications. Students will be working at Level 2 of NCEA. All standards are Unit Standards that have been taken from a cross section of learning subjects.			

13 Te Ao Haka		UE Approved Subject	
Code: 13TAH	Credits available: 20	UE Writing: 0	UE Reading: 0
Course outline: Aakonga at Level 3 will refine their performance skills and deepen their understanding of their own experience within Te Ao Haka. This is reflected in the evaluative and performance-focused nature of the standards.			





Career Pathways

13 Gateway

Code: 13GAT

Credits available: 34

UE Writing: 0

UE Reading: 0

Course outline: Gateway offers students a chance to study and work towards a career in an industry of their choice. Students will complete an 80-hour work placement at a local employer during Term 2 or 3 and will also complete industry based Vocational Pathway standards in this industry area, aiming to gain a minimum of 20 credits.

Recommended students have a strong idea of what career industry area the student is interested in. **Students need to apply for Gateway and will be interviewed before being accepted. If you did Gateway in Year 12 you cannot do it again in Year 13.**

13 Employment Skills

Code: 13EMP

Credits available: 18

UE Writing: 0

UE Reading: 0

Course outline: Employment Skills prepares you for life beyond school—both in work and as a confident citizen. You'll complete a range of practical Unit Standards focused on real-world skills like planning a career path, managing personal income, making smart purchases, understanding employment rights, borrowing money wisely, renting and flatting successfully, solving consumer issues, and exploring credit options. The course also includes personalised standards to support your individual goals. It's all about getting future-ready with the knowledge and confidence to navigate the world of work and money!

