

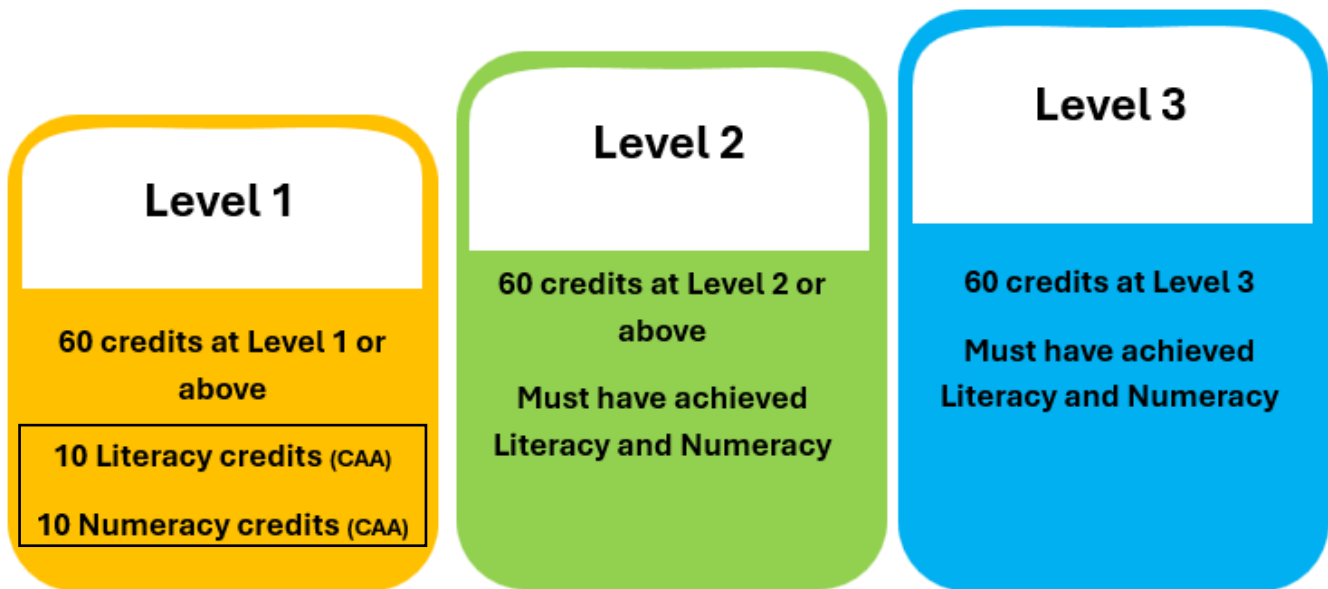


Morrinsville College

Year 12 and 13 Course Booklet 2025

- **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.

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 secondary 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 your peers.

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 HOD'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.careers.govt.nz
 - www.tepukenga.co.nz
 - Any university website
- 



Who to see for more information:

Year 12 Dean – Miss Chambers. megan-chambers@morrroll.school.nz

Year 13 Dean – Mrs Marshall. vicky-marshall@morrroll.school.nz

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

NCEA Principal's Nominee - Mr Prasad. nilesh-prasad@morrroll.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	Biology
English (Internal/Unit Standards)	Mathematics with Calculus	Chemistry
		Physics
		Agricultural Science






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

Recommended that you have 10 Level 1 Literacy credits.

12 English Literacy

Code: 12EL	Credits available: 13	UE Writing:	UE Reading:
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Course outline: This course offers Level 2 **internal** 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 Mathematics with Statistics

Code: 12MAS	Credits available: 15	UE Writing:	UE Reading:
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Course outline: This course is intended for students entering Year 12 and wishing to pursue a career in either social & community service, primary, creative or service industries. Assessment for this course is by Achievement standards. There are four internally and one externally assessed standards. If you are wanting to take Statistics at Level 3 it is recommended, you take Level 2 Mathematics with Statistics.

Recommended that you have 10 Level 1 Numeracy credits.





12 Mathematics with Calculus

Code: 12MAC

Credits available: 18

UE Writing:

UE Reading:

Course outline: This course is intended for mathematically able students who wish to pursue a career in either construction & infrastructure, manufacturing & technology or creative industries. Assessment for this course is by Achievement standards. There are three internally and two externally assessed standards. If you are wanting to take Calculus at Level 3 it is recommended, you take Level 2 Mathematics with Calculus.

Recommended that you have 10 Level 1 Numeracy credits.

Science

12 Biology

Code: 12BIO

Credits available: 19

UE Writing: 8

UE Reading:

Course outline: Knowledge of Biology – 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 challenging and will gain the required practical skills.

Recommended that you have 10 Level 1 credits in Science.

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.

Recommended that you have 10 Level 1 credits in Science.



12 Physics

Code: 12PHY

Credits available: 26

UE Writing:

UE Reading:

Course outline: Physics can be defined as the study of matter, energy and the relationship between the two. It is about how and why things (other than chemical and living) work as they do. This course provides the foundation for many other areas of Science and underpins most of the technology we use in our daily lives. Students need curiosity and imagination, problem-solving skills and the ability to carry out practical investigations and solve graphical and mathematical problems. While 26 credits are available, it is expected that students will develop an individual program of 14-16 credits.

Recommended that you have 10 Level 1 credits in Science and are taking a Level 2 Mathematics 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 as well as providing a good base for students intending to enter the Primary Industries sector through degree and polytechnic courses, as well as farm cadets and 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.





Social Sciences

12 History

Code: 12HIS

Credits available: 19

UE Writing: 5

UE Reading: 19

Course outline: Year 12 History focuses on several key events in History which have shaped the modern world, especially in the twentieth century. In History, students will be able to consider how events in the past still affect our world today and gain skills around problem solving, forming arguments, considering different perspectives and critical thinking.

Some of the topics covered include:

- The 1972 Munich Olympics Massacre
- Cuban Missile Crisis research
- Assassinations

Placing ourselves as New Zealanders in the context of world history clarifies our unique place in the world. Travel overseas is also enhanced by some background knowledge of significant places. Students will get the chance to experience History in a hands-on way with a field trip tbc.

12 Geography

Code: 12GEO

Credits available: 18

UE Writing:

UE Reading:

Course outline: Level Two Geography explores both natural and cultural environments and how people interact with these. Geography examines contemporary issues around the world and encourages students to analyse different perspectives. Level Two builds on ideas from Level one and develops students' critical thinking skills about the world they live in. Students learn many geographic skills and apply these in hands-on field work during the year.

12 Tourism


Code: 12TOU

Credits available: 20

UE Writing:

UE Reading:

Course outline: Level Two Tourism takes students on a journey through the industry and analyses what Tourism is and how it operates. It specifically looks at how it has developed over time and how it impacts on people and the environment. Students explore popular tourist destinations and famous attractions around the world. They also examine different work roles within the industry.





12 Economics

Code: 12ECO

Credits available: 18

UE Writing:

UE Reading: 14

Course outline: The course is divided into five sections:

- Basic terms and concepts
- Inflation
- Trade
- Growth
- Employment.

The course also covers economic concepts basic to the subject on all. It provides a useful basis for further study at Year 13.

12 Accounting

Code: 12ACC

Credits available: 23

UE Writing:

UE Reading:

Course outline: Accounting is an extremely useful subject for a student who envisages being involved in management positions (either a self-employed plumber, builder, farmer or retailer for instance, or employed by a firm as a manager or supervisor, or even an individual investing on the stock exchange or for taxation purposes). In today's world a person with some understanding of business accounts is at an advantage.

12 AgriBusiness

Code: 12AGB


Credits available: 24

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.

Recommended that students have background in Year 11 Economics, Accounting or Agriculture but is not essential.



The Arts

12 Music

Code: 12MUS

Credits available: 39

UE Writing:

UE Reading:

Course outline: This course is a mixture between our traditional Performance Music course and the vocational industry course, which allows students to learn skills through a practical approach of music performance and production. Students will have an opportunity to perform, compose and study a wide range of music theory and music technology. 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 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 rehearsals when these occur.*

12 Dance

Code: 12DAN

Credits available: 18-22

UE Writing:

UE Reading:

Course outline: This course is designed for students who are actively interested in learning about the theory of multiple dance genres, as well as performance. This is a composite Level 1-3 class. Opportunities will be given for public performance as part of the course.

12 Drama

Code: 12DRM

Credits available: 18-22

UE Writing:

UE Reading: 17

Course outline: This course covers the theoretical and practical components of Theatre Performing Arts. Classic and contemporary texts are studied, and assessment is performance-based.





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 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 folio).

Total credits: 20

Photography: Students work on internal assessments (2.2 and 2.3) that show clarification, extension and regeneration of ideas. The result is a body of work (2.4) which in total equals 20 credits.

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

Health and PE **You can only choose either Sports Fitness or Sports Studies**

12 Sports and Fitness

Code: 12SPF

Credits available: 14

UE Writing: 7

UE Reading:

Course outline: This course is internally assessed and aims to develop your existing Sport Studies skills across the theory, motor skills, attitudes and values and physical strands. Assessments include a swim/run, mountain run and an outdoor leaders camp in Term 3. You will:

- Gain a strong emphasis on learning through participation in a variety of physical activities
- Emphasise the acquisition and development of physical skills
- Understand the principles of training

Be able to identify and manage risks in the outdoors.

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, applying risk management strategies in the outdoors and social responsibility in physical activity.



Technology

12 Home Economics & Food Technology

Code: 12HEC

Credits available: 22-32

UE Writing:

UE Reading:

Course outline: This course has a strong emphasis on taking action to improve health and well-being of individuals and society. Students will learn about sustainable health-enhancing change for individuals, communities and society. Practical food preparation is an important part of this course.

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.

Recommended that you have done DTS in Year 11 but not compulsory.

12 Digital Technologies Business

Code: 12DTB

Credits available: 24

UE Writing:

UE Reading:

Course outline: Year 12 Digital Technologies Business (DTB) focuses on using MS Office software. The course provides the opportunity for Level 2 students to acquire skills of speed, accuracy, presentation and media design that will be of benefit to them in tertiary study, employment and as a life skill. File management and safe working practices are a significant part of the course. The focus of the course is to become proficient in the use of computers and software in a business context.

Recommended that you have done DTB in Year 11 but not compulsory.





12 Electronics and Design Technology

Code: 12ELE

Credits available: 21

UE Writing:

UE Reading:

Course outline: This course focuses on spatial design (Design & Visual Communication) and project-based learning. Students will design a Modern Sustainable Museum (architecture) in Minecraft Education and SketchUp Pro (CAD software).

Students will explore sustainable architecture, biomimetics (ask nature how), and biophilic design (improving well-being).

Through hands-on exploration, students will learn to solve problems using the Arduino Uno, focusing on basic coding and designing circuits to address real-life issues.

This course will establish connections to the Sustainable Development Goals, specifically focusing on Sustainable Cities and Environments, covering topics such as solar panels, inverters, wind turbines, green roofs, living walls, passive solar design, and more.

Furthermore, students will utilise Tinker Cad, online circuitry software, to create and test electrical circuits, including projects such as designing a light sensor for their sustainable house. Additionally, methods to manage e-waste through recycling and repurposing, emphasising education for sustainability, are included (short essay

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

12 Wood (Design 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 Metal (Design Technology Metal)

Code: 12DTM

Credits available: 22

UE Writing:

UE Reading:

Course outline: Students need to identify an activity they are involved or interested in. Identify the products needed to participate in the activity and further develop the apparatus for their or another person's enjoyment. The device will be initially developed to a conceptual model, tested and evaluated against their brief, then further developed to a one-off solution and finally implemented and evaluated against the brief for fitness for purpose.

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.

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 whaingā 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: 20

UE Reading: 14

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.

Recommended that students join the school Kapa Haka group.



Career Pathway

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 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.**

12 Employment Skills

Code: 12EMP

Credits available: 18

UE Writing:

UE Reading:

Course outline: Employment Skills prepares students for employment and citizenship by completing a range of Unit Standards to help prepare them for the future. The course content is made up of the standards listed plus additional standards to meet individual student needs.





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.
- 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:
 - 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
English (Internal/Unit Standards)	Mathematics with Calculus	Chemistry
		Physics
		Agricultural Science





SOCIAL SCIENCES	THE ARTS	HEALTH AND PE
History	Music	Sports Studies
Geography	Dance	
Tourism	Drama	
Economics	Visual Art	
Accounting		
AgriBusiness		
Classics (New subject)		
TECHNOLOGY	LANGUAGES	CAREER PATHWAY
Home Economics & Food Technology	Japanese	Gateway
Digital Technologies Computer Science	Te Reo Māori	Employment Skills
Digital Technologies Business	Te Ao Māori	
Electronics & Design Technology	Te Ao Haka	
Design Technology Wood		
Design Technology Metal		



Year 13 Subjects

English

13 English		UE Approved Subject	
Code: 13ENG	Credits available: 27	UE Writing: 14	UE Reading: 4
<p>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 need to complete at least one of these if you wish to attend university in 2026. Studying English literature encourages independent thinking, learning and communicating which are essential life-long skills.</p> <p>Recommended that students have 10 English credits at Level 2 including 4 UE reading credits.</p>			

Mathematics

13 Mathematics with Statistics			UE Approved Subject
Code: 13MAS	Credits available: 23	UE Writing: 0	UE Reading: 0
<p>Course outline: This course involves primarily the study of probability and statistics, but there are aspects of algebra and computational skills as well. Much of the course involves the practical application of Mathematics. Calculators, computers and personal learning devices are used extensively.</p> <p>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 two externals, or four internals and one external (Probability Concepts 91585).</p> <p>Recommended that students have at least 12 Achievement standard credits at NCEA Level 2 Mathematics including a genuine attempt at the Probability external AS91267.</p>			



13 Mathematics with Calculus		UE Approved Subject	
Code: 13MAC	Credits available: 22	UE Writing: 0	UE Reading: 0
<p>Course outline: This course is appropriate for students with a major interest in construction & infrastructure, manufacturing & technology and primary industries. This course will also enable students to undertake any course at a tertiary institution involving any of Mathematics, Physical Science, Engineering and Information Technology.</p> <p>Assessment in this course is by Achievement Standards. There are 3 internally and 2 externally assessed standards.</p> <p>Recommended that students have at least 16 Level 2 Mathematics credits, including Algebra and Calculus.</p>			

Science

13 Biology		UE Approved Subject	
Code: 13BIO	Credits available: 19	UE Writing: 9	UE Reading: 15
<p>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.</p> <p>Recommended that students have Year 12 Biology or LAL discretion.</p>			

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





13 Physics		UE Approved Subject	
Code: 13PHY	Credits available: 26	UE Writing:	UE Reading:
<p>Course outline: This course offers a broad range of systems (Mechanical, Electrical and Waves), This course requires a reasonable level of competency in year 12 Mathematics and forms an excellent platform for university Physics, which is a prerequisite for many science and medical degrees. While 26 credits are available, it is expected that students will develop an individual programme of 14-16 credits.</p> <p>Recommended that students have 14 credits in 12PHY or LAL discretion. Highly recommended to be taken alongside a Level 3 Math course.</p>			

13 Agricultural Science		UE Approved Subject	
Code: 13AGR	Credits available: 19	UE Writing: 15	UE Reading: 11
<p>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.</p> <p>Recommended that students have previous study in Agricultural Science, Agribusiness or Accounting/Economics is helpful but not essential.</p>			



Social Sciences

13 History		UE Approved Subject	
Code: 13HIS	Credits available: 21	UE Writing: 6	UE Reading: 21
<p>Course outline: The course will be split into three sections looking at a period of history that was not covered in Years 11 and 12, along with two areas of student choice. Students look at an aspect of 19th Century New Zealand and History in our own backyard. They will also focus on using evidence to unlock contested historical events based on conspiracy theories, myths and legends- Who shot JFK? Is Robin Hood real? Does Atlantis exist? Was Pearl Harbour a set up? The list goes on. In Level Three History, students will gain transferable skills around problem solving, critical thinking, considering different perspectives, using evidence and forming arguments.</p>			

13 Geography		UE Approved Subject	
Code: 13GEO	Credits available: 25	UE Writing: 8	UE Reading: 22
<p>Course outline: Level Three Geography explores both natural and cultural environments and how people interact with these. Geography examines contemporary issues around the world and encourages students to analyse different perspectives and courses of action. Level Three builds on ideas from level Two and develops students critical thinking skills about the world, and how to plan for a sustainable future. Students consolidate their geographic skills and apply these in hands on fieldwork during a three-night field trip to the Tongariro Volcanic Centre.</p>			

13 Tourism			
Code: 13TOU	Credits available: 18	UE Writing: 0	UE Reading: 0
<p>Course outline: Level Three Tourism takes students on a journey through the industry and analyses what Tourism is and how it operates. Students explore popular tourist destinations around the world, with a focus on The Pacific Islands and Australia, and the natural and cultural attractions and activities promoted within New Zealand. As the leading export earner in New Zealand, Tourism offers a wealth of career possibilities.</p>			



13 Economics		UE Approved Subject	
Code: 13ECO	Credits available: 18	UE Writing: 8	UE Reading: 18
<p>Course outline: The aim of the course is to enable students to develop a continuing interest in contemporary economic issues through a detailed study of the role of the market and business in the economy and how the role may be altered by Government. On completion of the course students should be able to understand basic economic concepts and be able to apply them to current economic issues. They should also be aware of the inter-relationships between economic, social and political events.</p> <p><i>Recommended that students have Year 11 or Year 12 Economics helps provide background for students, and an interest in understanding the way in which the New Zealand economy works is helpful.</i></p>			

13 Accounting		UE Approved Subject	
Code: 13ACC	Credits available: 22	UE Writing: 5	UE Reading: 5
<p>Course outline: This course builds on basic financial accounting concepts and processes developed in Levels 1 and 2 Accounting. It is extended to include a study of partnership and company accounts, cash-flow statements and budgets, cost accounting for managers, internal controls and decision-making. This course is intended mainly for students considering studying accounting or Business Management at tertiary level</p> <p><i>Recommended that students should have studied accounting at NCEA Level 1 or at NCEA Level 2. For able students it may be possible to study L3 Accounting without having taken the subject at Levels 1 or 2.</i></p>			





13 AgriBusiness		UE Approved Subject	
Code: 13AGB	Credits available: 18	UE Writing: 5	UE Reading: 16
<p>Course outline: This course has been designed to develop students' financial literacy, with particular focus on agriculture. Topics covered include business planning, market research, sales and advertising, production, financial record-keeping</p> <p><i>Recommended that students have previous study of Agribusiness, Economics, Accounting or Agricultural Science would be helpful. Students must also be willing to self-direct their own work and co-operate in groups.</i></p>			

13 Classics		UE Approved Subject	
Code: 13CLS	Credits available: 26	UE Writing: 14	UE Reading: 26
<p>Course outline: Classical Studies is the study of the civilisation of the classical world of Ancient Greece and Ancient Rome, and how those civilisations have influenced our modern world. The subject is multi-disciplinary and covers history, art history, philosophy, mythology, drama and politics. Three topics will be taught: Alexander the Great, Art of the Roman Empire and Aristophanes Comedies.</p> <p><i>Recommended that students have a good standard of literacy as assessments are essay based.</i></p>			



The Arts

13 Music		UE Approved Subject	
Code: 13MUS	Credits available: 14-62	UE Writing: 0	UE Reading: 0
<p>Course outline: Year 13 Music allows the students to create and lead their programme-based learning on their interests and capabilities with consultation with the Music Learning Area Learning Area. This course is designed to lead students on to tertiary study, industry-based work or for the continued development and enjoyment of the discipline.</p> <p>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.</p> <p><i>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. Successful completion of Year 12 Music is desirable or in consultation with the Music Learning Area, commitment to weekly music lessons through the Itinerant Music Scheme. An audition may be required at the start of the course.</i></p>			

13 Dance		UE Approved Subject	
Code: 13DAN	Credits available: 22-26	UE Writing: 4	UE Reading: 0
<p>Course outline: This course is designed for students who are actively interested in learning about the theory of multiple dance genres, as well as performance. This is a Level 1-3 composite class. Opportunities will be given for public performance as part of the course.</p> <p><i>Recommended that students have an active interest in all genres of dancing, some dance training would be helpful but not essential.</i></p>			

13 Drama		UE Approved Subject	
Code: 13DRM	Credits available: 18-27	UE Writing: 9	UE Reading: 17
<p>Course outline: This course covers the theoretical and practical components of Theatre Performing Arts. Classic and contemporary texts are studied, and assessment is performance-based.</p>			



13 Art - Visual Art		UE Approved Subject	
Code: 13MUS	Credits available: 22	UE Writing: 0	UE Reading: 0
<p>Course outline: The Year 13 Art course is designed to build upon and develop each student's theoretical and practical knowledge of established practice.</p> <ul style="list-style-type: none"> • Painting Course: The internal assessments AS91446 (3.2) and AS91451 (3.3) 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 AS91456 (3.4 painting folio). Total credits: 22 • Photography: For Year 13 Photography students learn how to clarify, extend and generate ideas through photographs that tell a narrative and/or a theme. Students learn a range of photography skills and techniques that help to refine and elevate their ideas and concepts and deepen their critical thinking and self-expression. Total credits: 22 <p><i>Recommended students have 16 credits at Level 2 Art or at the discretion of the LAL.</i></p>			

Health and PE

13 Sports Studies		UE Approved Subject	
Code: 13SPS	Credits available: 20	UE Writing: 0	UE Reading: 8
<p>Course outline: This course is approximately 50% theory/class and 50% practical. This course develops students' knowledge. We write reports examining Safety Management in Mountain Biking, implementing and evaluating a training programme for the Tough Guy/Gal Challenge and examining the impact of iconic sporting events in NZ society.</p> <p><i>Recommended students have completed Level Sports Studies or Sports and Fitness.</i></p>			



Technology

13 Home Economics & Food Technology		UE Approved Subject	
Code: 13HEC	Credits available: 25 (AS) & 8 (US)	UE Writing: 4	UE Reading: 5
<p>Course outline: Students will evaluate current issues and theories of nutrition, identify and reflect on the factors that influence people's choices and behaviours. They will analyse attitudes and values that influence their own and society's well-being. Practical food preparation is an important part of this course.</p>			

13 Digital Technologies Computer Science		UE Approved Subject	
Code: 13DTS	Credits available: 28	UE Writing: 0	UE Reading: 0
<p>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.</p> <p><i>Recommended that students have completed Level 2 DTS or approval from the LAL.</i></p>			

13 Digital Technologies Business			
Code: 13DTB	Credits available: 29	UE Writing: 0	UE Reading: 0
<p>Course outline: Year 13 Digital Technologies Business (DTB) provides the opportunity for Level 3 students to acquire skills of speed, accuracy, presentation and media design using the MS Office range of software. File management and safe working practices are a significant part of the course. The focus of the course is to become proficient in the use of computers and software in a business context.</p> <p><i>Recommended that students have completed Year 11 or 12 Digital Technologies Business.</i></p>			

13 Electronics & Design Technology

UE Approved Subject

Code: 13ELE

Credits available: 12

UE Writing: 0

UE Reading: 0

Course outline: In this course, students will use their prior knowledge of sustainable architecture, aesthetics, biomimetics, biophilic design (improving well-being), engineering, and science to design a modern, sustainable house (Design & Visual Communication). Students will be challenged to create a very unique building embedding several aspects as mentioned. The building's Smart Home Technology and electrical plans will be explored and developed. Students will choose two influential designers, artists, or architects to research implement this into their design work.

Students will choose and evaluate an appropriate site for their building and geolocate it in SketchUp (Google Earth).

Freehand sketches will also be used to communicate their ideas and concepts.

Finally, students have to plan an exhibition in the Waikato Museum to display their design work (3D print included). And will will write a short essay on the management of e-waste.

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

13 Wood (Design Technology Wood)

Code: 13DTW

Credits available: 20

UE Writing: 0

UE Reading: 0

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

Recommended that students have completed Year 12 technology is an advantage.

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





13 Metal (Design Technology Metal)		UE Approved Subject	
Code: 13DTM	Credits available: 18	UE Writing: 0	UE Reading: 0
<p>Course outline: Students are required to develop a client driven activity by modelling a conceptual idea in materials and evaluating it against their brief. Students are then required to further develop their conceptual idea to a prototype which will be implemented and evaluated for fitness for purpose.</p> <p><i>Recommended that students have completed Year 12 Technology.</i></p> <p>Note: There is an additional cost to this subject to help cover costs of material.</p>			

Languages

13 Japanese		UE Approved Subject	
Code: 13JAP	Credits available: 19	UE Writing: 0	UE Reading: 0
<p>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.</p> <p><i>Recommended that students have studied Japanese at Level 1 and 2.</i></p>			

13 Te Reo Māori		UE Approved Subject	
Code: 13TRM	Credits available: 28	UE Writing: 12	UE Reading: 6
<p>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.</p> <p>Contexts students will study include:</p> <ul style="list-style-type: none"> • 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.

Recommended that students have studied Te Ao Haka at Level 2 and are part of Kapa Haka.





Career Pathway

13 Gateway			
Code: 13GAT	Credits available: 34	UE Writing: 0	UE Reading: 0
<p>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.</p> <p><i>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.</i></p>			

13 Employment Skills			
Code: 13EMP	Credits available: 18	UE Writing: 0	UE Reading: 0
<p>Course outline: Employment Skills prepare students for employment and citizenship by completing a range of Unit Standards to help prepare them for the future. The course content consists of:</p> <ul style="list-style-type: none">• Career pathway and planning• Personal income• Making good purchases• Employment relations• Consumer problems and resolving issues• Credit options and personal finances• plus, additional standards to meet individual student needs.			

