

MOUNT ROSKILL GRAMMAR SCHOOL



MOUNT ROSKILL
GRAMMAR SCHOOL

2023 Year 11 ACADEMIC PROGRAMME
A guide to choosing your learning pathway

Contents

Course Selection Instructions for Year 10 2022 Students entering Year 11 in 2023	3
Courses available at Mount Roskill Grammar School	4
Helpful Information	5
Course Pathways	9
Art (Visual Arts)	9
Business and Commerce	9
English (Compulsory Years 9 – 12)	10
English as a Second Language (ESL)	10
Food and Hospitality	10
Languages	11
Mathematics (Compulsory Years 9 – 11)	11
Media Studies	12
Music	12
Performing Arts	12
Physical Education (Compulsory Years 9 – 10)	12
Science (Compulsory Years 9 – 10)	13
Social Sciences (Compulsory Years 9 – 10)	13
Technology	14
Technology / Performing Arts	14
Course Description and Information	15
Art (Visual Arts)	15
Business and Commerce	16
English	18
English as a Second Language (ESL)	20
Food and Hospitality	21
Languages	23
Mathematics	28
Media Studies	31
Music	32
Performing Arts	34
Physical Education and Health	36
Science	38
Social Sciences	40
Technology	42

Course Selection Instructions for Year 10 2022 Students entering Year 11 in 2023

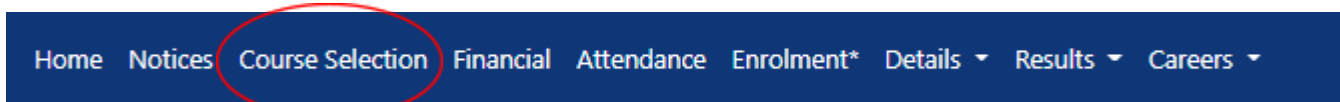
Students will need to login to the parent/student portal.

Go to www.mrgs.school.nz

Click on PARENT PORTAL/KAMAR PORTAL at the top of the page.

Login with your student ID and password.

Once you have logged in, click on Course Selection at the top of the screen.



1. Read the instructions carefully before making your selection. English and Mathematics are compulsory subjects, you must select these. Then select 3 other subjects. Below is an example of what the selection page looks like.

Course	1	2	3	4	5
English					
English (11ENG1)	<input type="checkbox"/>				
Mathematics					
Mathematics (11MAT1)		<input type="checkbox"/>			
Art					
Practical Art (11ART1)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commerce					
Accounting (11ACC1)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Economics (11ECS1)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Once you have chosen your subjects you can preview your selection before saving by clicking the Preview Selection button at the bottom of the screen.



Example of Year 11 Course selection: Subject Confirmation

Please confirm your course selection:

- 1: English - 11ENG1
- 2: Mathematics - 11MAT1
- 3: Practical Art - 11ART1
- 4: Economics - 11ECS1
- 5: Japanese - 11JAP1

3. Save your selection by clicking the Save button at the bottom of the screen. You can keep changing your selection until the 'Course Selection' is closed off from the portal on Friday 8th July 2022.



Entry into courses may be dependent on entry requirements being met and/or HOD discretion.

More subject details can be found in the Year 11 Academic Programme booklet which is on the school website: <https://www.mrgs.school.nz/academic-programmes>

Any Year 11 student in 2022 who intends taking a Year 12 subject in 2023 will need to see their Academic Dean.

Courses available at Mount Roskill Grammar School

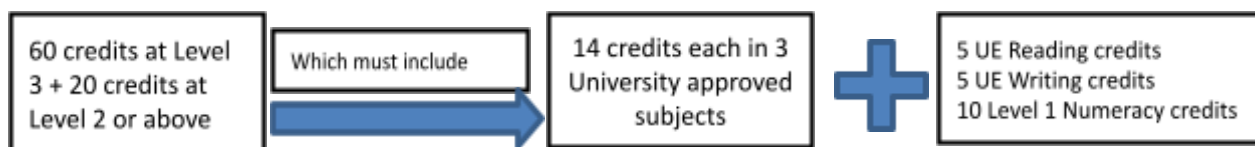
Department	YEAR 10	YEAR 11	YEAR 12	YEAR 13
Academies	Basketball Football Hockey Rugby	Not Available	Not Available	Not Available
Art (Visual Arts)	Visual Art	Visual Art	Art Visual – Painting or Printmaking Design Photography	Art Visual – Painting or Printmaking Design Photography
Business/Commerce	Business Studies	Accounting Economics	Accounting Business Practice Economics	Accounting Business Practice Economics
English	English	English or English Literacy	English or English Literacy	English Visual Language English Written Language English Literacy
ESL		ESL	ESL	EAP
Food and Hospitality	Food	Food and Hospitality Home Economics	Food and Hospitality Home Economics	Catering and Hospitality Food and Hospitality
Languages	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan
Mathematics	Mathematics	Mathematics Academic Mathematics Mathematics Internal	Mathematics Academic Mathematics Mathematics Internal	Maths with Calculus Maths with Statistics Mathematics
Media Studies	Media Studies	Media Studies	Media Studies	Media Studies
Music	Music Studies	Music Studies Making Music	Music Studies Making Music	Music Studies Making Music
Performing Arts	Dance Drama	Dance Drama	Dance Drama	Dance Drama
Physical Education and Health	Physical Education Health	Physical Education Health	Sports Science Sport and Recreation Health	Sports Science Sport and Recreation Health
Science	Science	Science	Biology Chemistry Physics General Science	Biology Chemistry Physics
Social Sciences	Social Studies	Geography History	Classical Studies Early Childhood Education Geography History Tourism	Classical Studies Geography History Tourism
Technology	Digital Technologies Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials	Computer Science Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials	Computer Science Creative Digital Technologies Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials Building, Construction and Trade Skills (BCT)	Computer Science Creative Digital Technologies Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials Trades Preparation
Technology / Performing Arts			Theatre Technologies	Theatre Technologies

Helpful Information

NZQA Key Information

Level 1 Certificate: 80 credits at Level 1 or above including 10 literacy and 10 numeracy credits
 Level 2 Certificate: 80 credits - a minimum of 60 credits at Level 2 or above and 20 credits at any level
 Level 3 Certificate: 80 credits – a minimum of 60 credits at Level 3 and 20 credits at Level 2 or above

University Entrance



More information on NCEA, including course and level endorsement is available from the school website www.mrgs.school.nz and from the NZQA website www.nzqa.govt.nz.

Students intending to study at university or other tertiary institutions need to take note of the requirements for entrance to university, particularly in literacy, numeracy and the domains from which courses need to be selected.

NCEA endorsements

NCEA Certificate Endorsement
<p>Students require 50 credits at Excellence to gain an NCEA endorsed with Excellence or 50 credits at Merit (or Merit and Excellence), to gain an NCEA endorsed with Merit. Credits counting towards endorsement may be gained over more than one year and at more than one level, but must be gained at the level of the certificate or above.</p>
NCEA Course Endorsement
<p>Achieved, Merit or Excellence course endorsements are available. Students must have achieved 14 or more credits at Achieved or Merit or Excellence within a single year. For Course Endorsement, at least 3 of the 14 credits must be from internally assessed standards, and 3 from external assessment (national examinations), to demonstrate students are competent in both forms of assessment. A course endorsement can only be awarded in one calendar year.</p>

National Certificates

In 2023 Year 12 and 13 students at MRGS will have the opportunity to study for National Certificates in 2 subjects:

- The National certificate in Building, Construction and Allied Trades Skills (BCTS). More information can be found in the Technology section.
- The National Certificate in Travel and Tourism. More information can be found in the Social Sciences section.

Other useful information

Key:

Subject coding e.g. 12ACC12B - Year 12 students taking Accounting studying both Level 1 & 2 standards									
HOD discretion		HOD may approve entry without requirement							
INT	Assessed internally				EXT	Assessed in the external examinations (Nov – Dec)			
Lit	Literacy	Num	Numeracy	R	Reading Credits	W	Writing Credits	B	Both R or W credits

RECOMMENDED SUBJECTS FOR TERTIARY STUDY

This list is to be used as a guide only. Please check the websites of the tertiary providers for the specific entry requirements for your course of study or see the Career Advisor. Some tertiary institutions have compulsory subject requirements or ranked scores and some have recommended or useful subjects. Where compulsory Year 13 subjects are required, it has been indicated below in bold. The subjects below are mostly for degree entry and are Year 13 subjects unless stated otherwise. This is accurate as at May, 2022.

CAREER	RECOMMENDED SUBJECTS
Architecture	Uni of Ak, AUT and Unitec - For your portfolio you need to include at least one of Painting, Design or Photography. Digital Technology, Physics and Design and Visual Communication and Technology - Multi are useful. Unitec – 8 credits in English at Level 2 and 12 credits in Mathematics at Level 2 are required for the Diploma in Architectural Technology and Graphics at Level 2 or 3 is useful.
Art - Painting, Design, Design and Visual Communication, Photography	For your portfolio you need to include one or more of Painting, Design, Photography or Design and Visual Communication. Classics and English are very useful. In addition to the above Digital Technology or Computer Science and Technology - Multi Materials are useful for Design and Visual Communication.
Arts/Humanities	English, Classics, Languages, Drama, Economics, History, Media, Mathematics, Music, Geography and Te Reo are all useful subjects.
Automotive trades	Unitec - 12 credits in English, Mathematics and Science at Level 1 are the minimum requirements for the pre-apprenticeship certificate but Level 2 English and Mathematics are preferred. Trade Preparation/Technology - Multi Materials and Electronics are useful.
Aviation	An English (English rich) subject is required. Calculus and Physics are highly recommended and Statistics is useful.
Building/Carpentry trades	Unitec - 10 credits in English and Mathematics at Level 1 are the minimum requirements for the pre-apprenticeship certificate but Level 2 English and Mathematics are preferred. Trade Preparation/Technology – Multi Materials, Electronics and Exercise Prescription are useful.
Business/Commerce	Accounting, Economics, Calculus, Statistics, English and Computer Science/Digital Technology are highly recommended.
Chef/Catering	AUT – One subject from Classics Studies, Drama, English, Geography, Health Education, History, Media Studies, Economics, Physical Education or Te Reo Maori is required for diploma entry. English, Mathematics and Food Technology or Catering and Hospitality are useful.
Communications/ Journalism/Media	AUT – Any subject from Classical Studies, Drama, Economics, English, Geography, Health, History, Media Studies, Physical Education, or Te Reo Māori.
Computer Science	AUT –Calculus, Mathematics or Statistics, Digital Technologies/Computer Science and English are highly recommended.
Defence Forces	English and Mathematics at Level 2 are usually required and Physical Education and Technology – Multi Materials as well as Science at Level 1 are useful. However, find out the exact entry requirements for your intended career in the forces on their website www.defencecareers.mil.nz
Dentistry	Biology, Chemistry, Physics, English (English rich) and Statistics (Calculus) are required.
Education	Languages, Classics, Economics, English, Geography, History, Te Reo Maori and Mathematics are recommended. A good standard of oral and written English is important. Biology, Chemistry, Early Childhood Education, Art and Design, Dance, Drama, Digital Technologies, Health, Physics, Physical Education and Technology are useful.
Electrician	Unitec – 12 credits in Level 1 English, Mathematics and Science are the minimum requirements for the pre-apprenticeship certificate. Physics, Electronics, Trade Preparation/Technology - Multi Materials are useful.
Engineering	Calculus and Physics are required. Chemistry, Biology and English rich subjects are recommended. Electronics, Computer Science or Technology – Multi Materials are very useful
Fashion	At least one of Design - Soft Materials, Painting, Photography and Design are required for the portfolio. Classical Studies, Design and Visual Communication, English, Geography, History, Media Studies, Mathematics and Technology-Multi-Materials are useful.
Hairdressing	English at Level 2 is required. Mathematics and Art at Level 2 and Science at Level 1 are useful.
Law	Languages, Classical Studies, Economics, English, Geography, History and Te Reo Maori are recommended. A good standard of oral and written English is important. AUT – Subjects that develop a very good standard of reading, oral and written English are preferred.
Medicinal Chemistry	Uni of Ak – Chemistry is required. Biology, Physics, English, Classics, Geography and History are recommended. Calculus, Statistics or Mathematics are useful.
Medicine	Uni of Ak – Bach of Health Science – One of English, Geography History, Classics or Te Reo Maori is required as well as Biology and Chemistry. Health and Statistics are useful. Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, English (English rich subject) Statistics or Calculus are required. Uni of Otago - Biology, Chemistry, Physics, and Statistics are required. English (English-rich subject) and Calculus are recommended.
Nursing	Uni of Ak – One of English, Geography History, Classical Studies or Te Reo Maori are required as well as Biology and Chemistry. Health and Statistics are useful. AUT – One subject from Biology, Chemistry or Physics is required. English (English rich), Mathematics and Health are recommended. Massey Uni – One of Biology, Chemistry or Physics is required. English, Statistics and Health are useful. A current First Aid Certificate is required on admission.

Nursing (Continued)	Unitec – 12 credits in one science subject at Level 2 or above is required. English, Mathematics and Health are useful. A current First Aid Certificate upon acceptance into the programme is required.
Office Work/ Receptionist	MIT –English, Mathematics, Digital Technologies, Business Practice as well as Catering and Hospitality at Level 2 are useful for the certificate.
Oral Health	AUT – Biology is required. English (English rich), Health and Statistics are highly recommended. Uni of Otago – Biology and English are required. Health and Statistics are useful.
Optometry	Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, English (English rich subject), Statistics or Calculus are required.
Performing Arts	You need at least one subject from Dance, Drama or Music for the audition. English is highly recommended.
Pharmacy	Uni of Ak – Bach of Health Science – One of English, Geography History, Classics or Te Reo Maori is required as well as Biology and Chemistry. Health and Statistics are useful. Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, and English rich, Statistics or Calculus are required. Uni of Otago - Biology, Chemistry, Physics, English (English rich subject), Statistics (Calculus) are required.
Physiotherapy	AUT – Biology is required. Sports Science, English (English rich subject), Health and Mathematics are very useful. Uni of Otago – Biology, Chemistry, Physics, English (English rich subject) and Statistics (Calculus) are required.
Plumbing	Unitec - 10 credits in English and Mathematics at Level 1 are the minimum requirements for the pre-apprenticeship certificate but Level 2 English and Mathematics are preferred. Trade Preparation/Technology - Multi, Electronics and Exercise Prescription are useful.
Police	English, Mathematics, Digital Technology and Physical Education at Level 2 minimum are recommended. Catering and Hospitality is also useful. You must have your full driver's licence before you can apply for the Police.
Science	Uni of Ak and AUT- Relevant Science subjects, Statistics, Calculus, Mathematics, English (English rich subject), Digital Technology or Computer Science are highly recommended.
Social Work	Uni of Ak - Languages, Classical Studies, Economics, English, Geography, History, Biology, Chemistry, Physics, Technology, Mathematics and Te Reo Maori are recommended. A good standard of oral and written English is important.
Sport and Recreation	AUT – Classical Studies, Drama, English, Geography, Health, History, Media and either Physical Education or one subject from Biology, Chemistry, Physics or Calculus, Mathematics or Statistics are useful.
Sports Science/Exercise Science	Uni of Ak –Biology is recommended. Chemistry, Physics, Statistics and Sports Science are useful. AUT –Classical Studies, Drama, English, Geography, Health, History, Media and either Physical Education or one subject from Biology, Chemistry, Physics or Calculus, Mathematics or Statistics are useful.
Tourism	English and Mathematics at Level 2 are required. Digital Technology and Tourism at Level 3 are recommended while Geography, Business Practice and Catering and Hospitality are also useful for courses at private providers. AUT – Classical Studies, Drama, Economics, English, Geography, Health Education, History, Media Studies, Physical Education, and Te Reo Māori are useful.
Veterinary Nursing	Unitec – 12 credits in English at Level 2 and 12 credits in Mathematics and Science at Level 1 are required for the certificate. Biology, Digital Technology and Business Practice are useful. Unitec – Two science subjects at Level 3 are required and English, Statistics or Calculus at Level 3 are highly recommended for degree entry.
Veterinary Science	Massey Uni – Biology and Chemistry are required. Physics and Calculus or Statistics are recommended. English is useful.

ACADEMIC ENGLISH LANGUAGE REQUIREMENT – UNIVERSITY OF AUCKLAND ONLY

Over and above all of these required/recommended subjects, the University of Auckland requires that students have 17 English credits at Level 2 and/or Level 3. If you do not have these credits, but have all the other entry requirements for your degree, the University of Auckland will give you entry into the degree but you will be required to complete an English course during your first year at university.

ENGLISH RICH SUBJECTS – UNIVERSITY OF AUCKLAND AND UNIVERSITY OF OTAGO

English, Classical Studies, Geography, History or Te Reo Maori.

ENGLISH RICH SUBJECTS – AUT

Classical Studies, Drama, Economics, English, Geography, Health, History, Media Studies, Physical Education and Te Teo Maori.

[Back to Top](#)

Vocational Pathways

What are the Vocational Pathways?

The Vocational Pathways provide new ways to achieve within NCEA Level 2 – the foundation for success in further education and the world of work. The pathways help students see how their learning and achievement is valued in the ‘real world’ by aligning the NCEA Level 2 Assessment Standards including specific ‘sector-related’ standards with six industries:





These six pathways represent ways to structure and achieve NCEA Level 2 by providing a more coherent framework for foundational vocational education; students can develop their own individual education plans, are better informed and able to make better choices to meet their goals.

What is a Vocational Pathways Award?

NCEA Level 2 80 credits	Vocational Pathways Award 60 Level 2 credits from the recommended pathway(s)	<i>Of which 20 credits must be sector related standards</i>
-----------------------------------	--	---

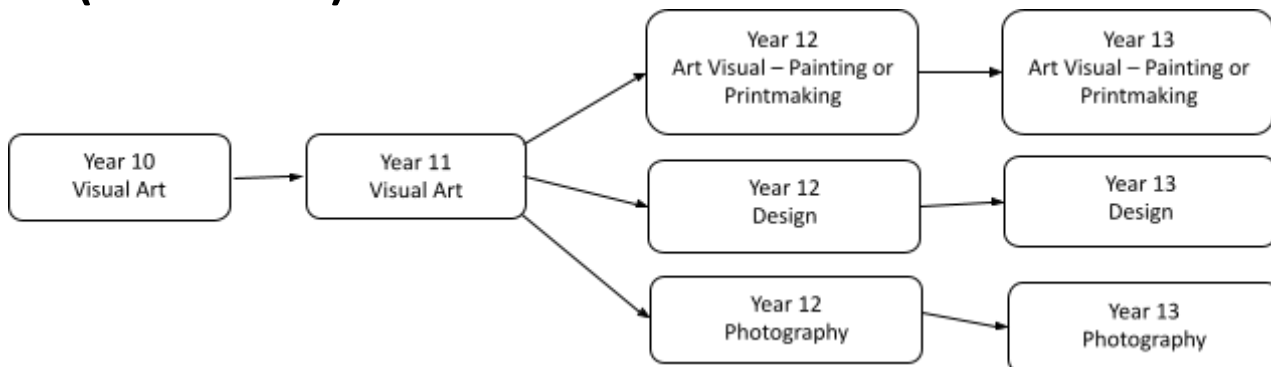
The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.

Subject Selection Help

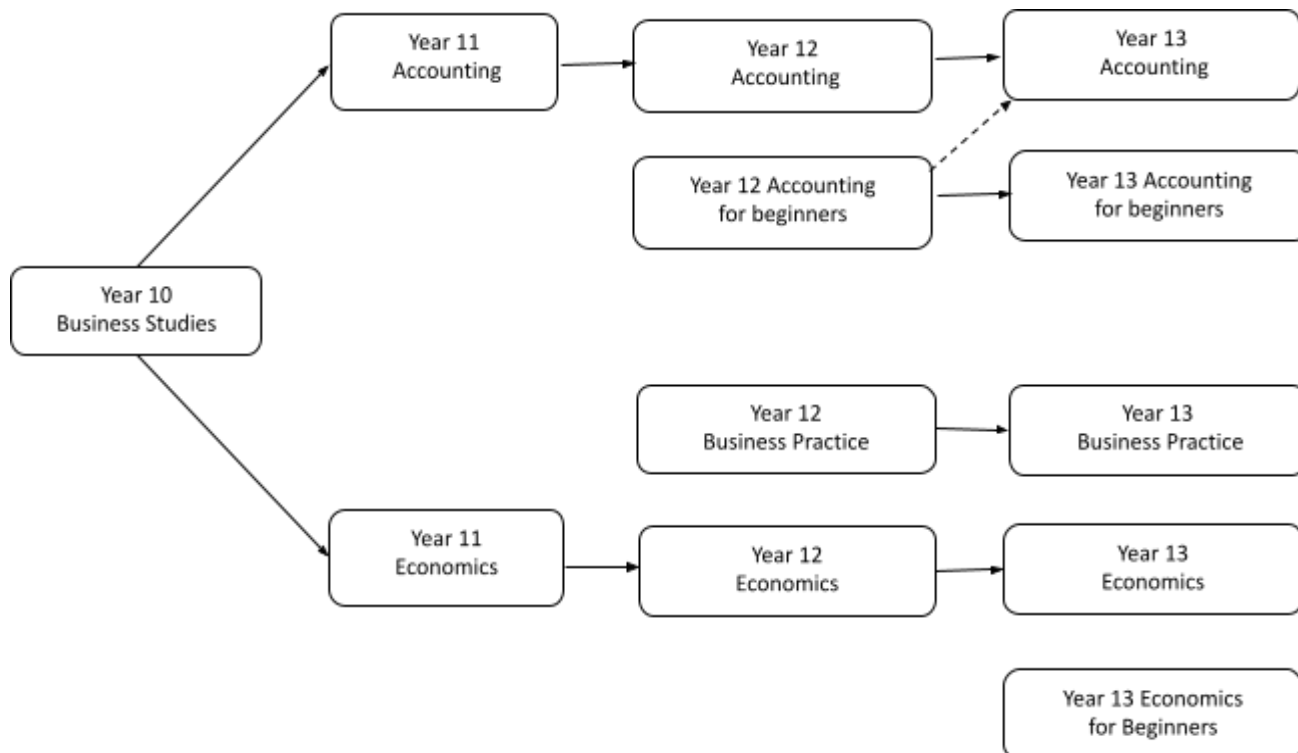
Resource	Information	
Subject Teachers, HODs & Mentors	<ul style="list-style-type: none"> What the subject is about and some of the jobs it can lead to. Pathways advice 	
Academic Deans	<ul style="list-style-type: none"> Academic Deans can assist students with subject selection. Book an appointment to see an one of the Academic Deans (Mrs Burns, Mr Hays, Mr Presland, Mr Coker, Mr Skiff) 	
MRGS Career Department	<ul style="list-style-type: none"> The Career Department have a large range of resources to help with subject selection. See Miss Hodge in H4 OR Book an appointment today to see the Career Advisor using this email – Ann.Hodge@mrgs.school.nz 	
MRGS Website www.mrgs.school.nz	<ul style="list-style-type: none"> How to choose school subjects - To access click on ‘Academic’ on the home page – Career Essentials – How to choose school subjects. Also click on the Academic tab on the home-page, then ‘Academic Programmes booklets’ then the ‘Recommended Subjects for Tertiary Study’ pages in those booklets. 	
Careers NZ www.careers.govt.nz	<ul style="list-style-type: none"> Check out the guide to choosing school subjects Make sure you confirm the specific tertiary entry requirements for courses you are interested in studying on the website of the tertiary provider. See the Career Advisor if you need help. There are great interactive tools such as Career Quest, Skill Matcher and Subject Matcher. These are starting points to help you discover jobs that may suit your interests and skills. 	 http://goo.gl/likN0c
Youth Guarantee www.youthguarantee.net.nz	<ul style="list-style-type: none"> Find out more about the new Vocational Pathways and what subjects businesses want you to take. Use the Profile Builder to enter your standards and build your Vocational Profile. Learn about educational opportunities and how to achieve higher level qualifications 	 http://goo.gl/ZZvPI0
Occupation Outlook Download the app from iTunes or Google Play	A free app that gives you education, career, employment and income information on a wide range of jobs in New Zealand.	

Course Pathways

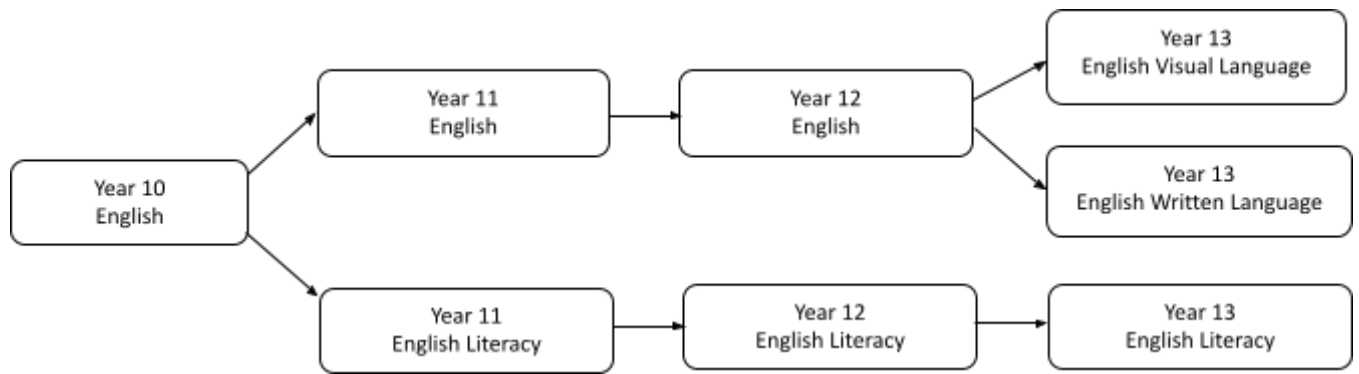
Art (Visual Arts)



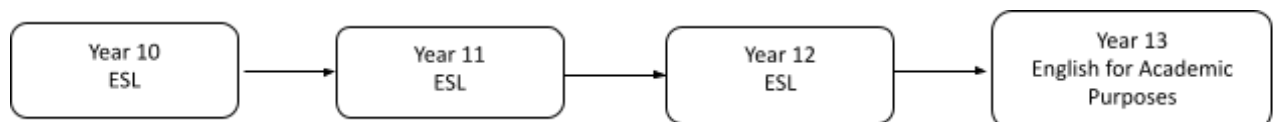
Business and Commerce



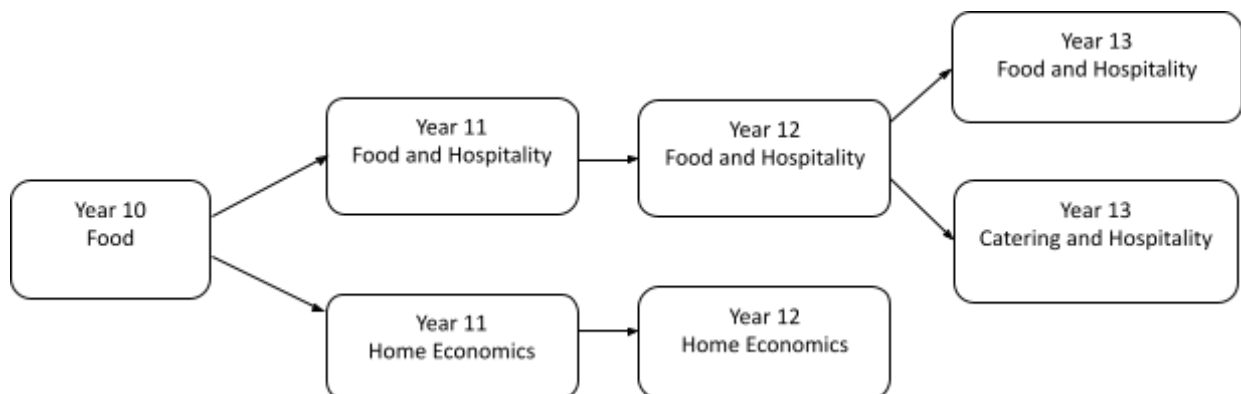
English (Compulsory Years 9 – 12)



English as a Second Language (ESL)



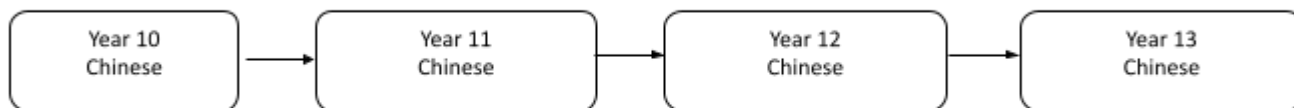
Food and Hospitality



[Back to Top](#)

Languages

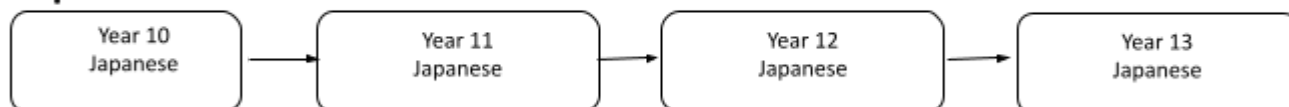
Chinese



French



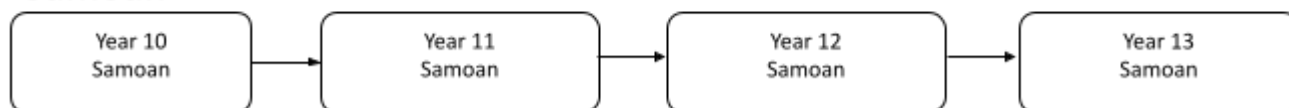
Japanese



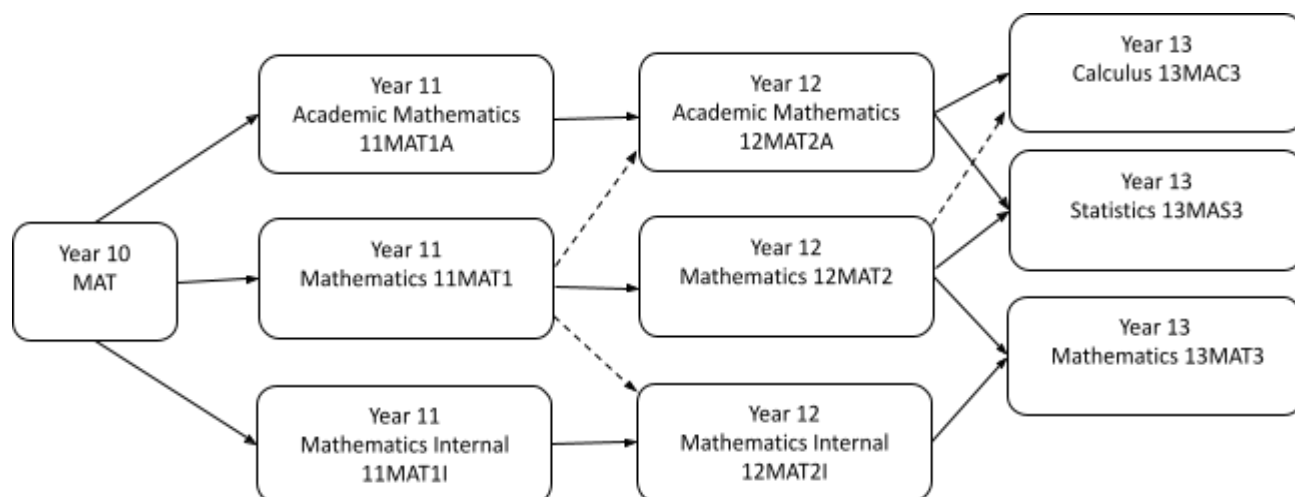
Te Reo Māori



Samoan



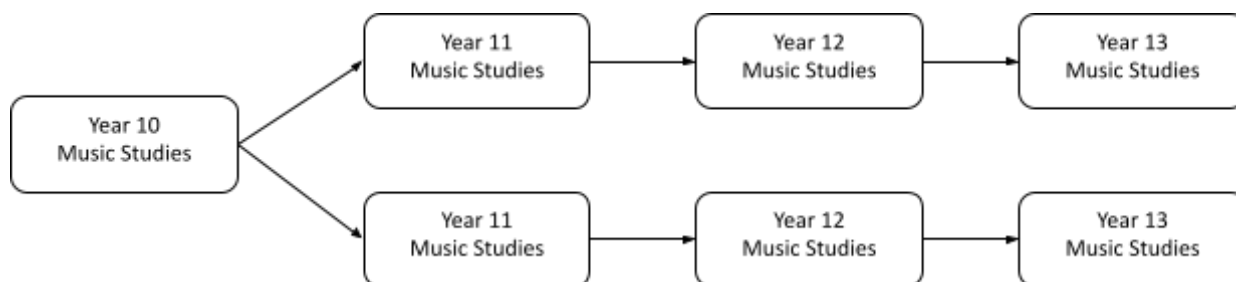
Mathematics (Compulsory Years 9 – 11)



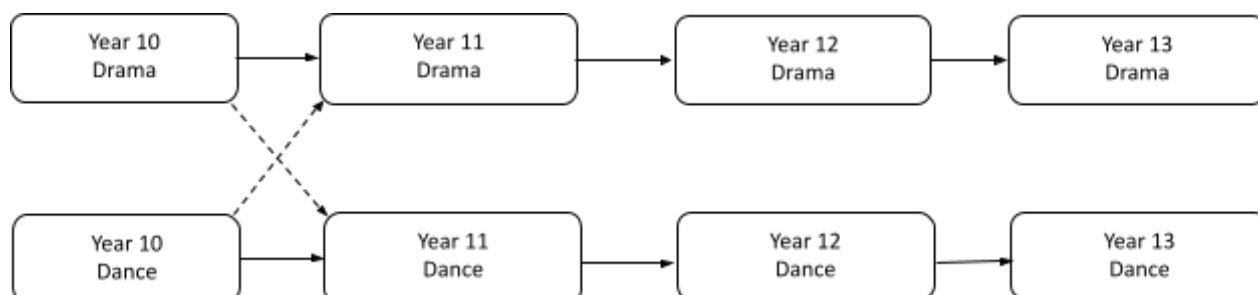
Media Studies



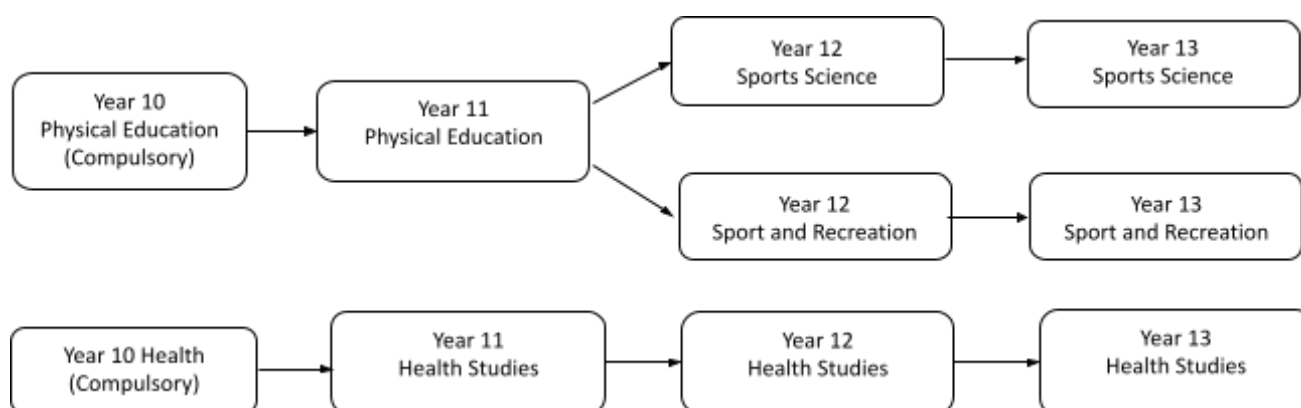
Music



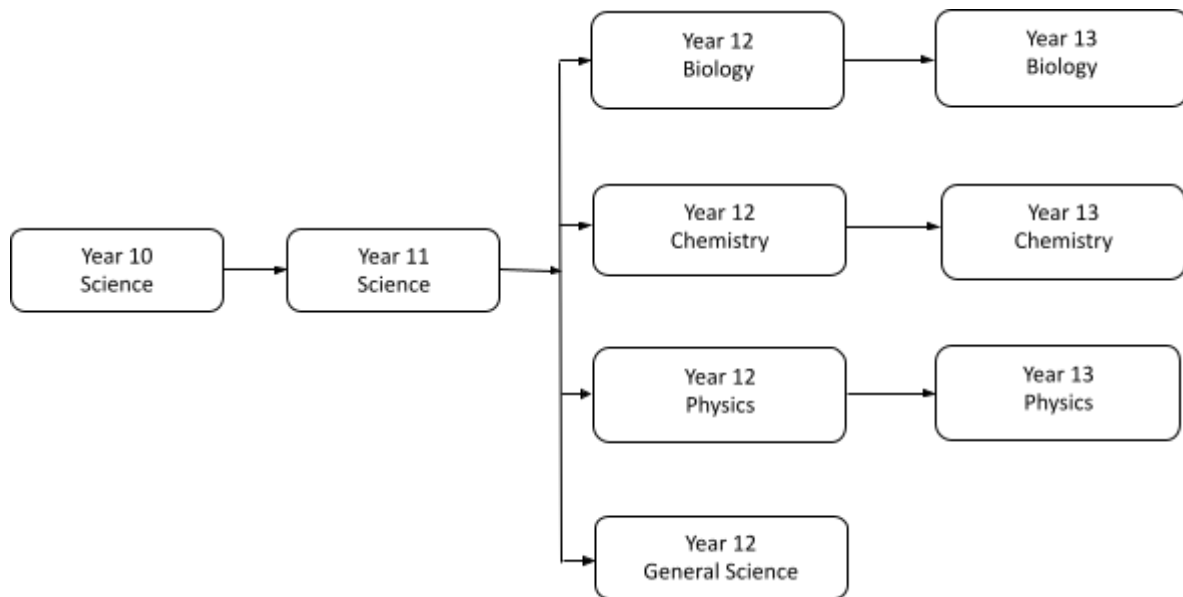
Performing Arts



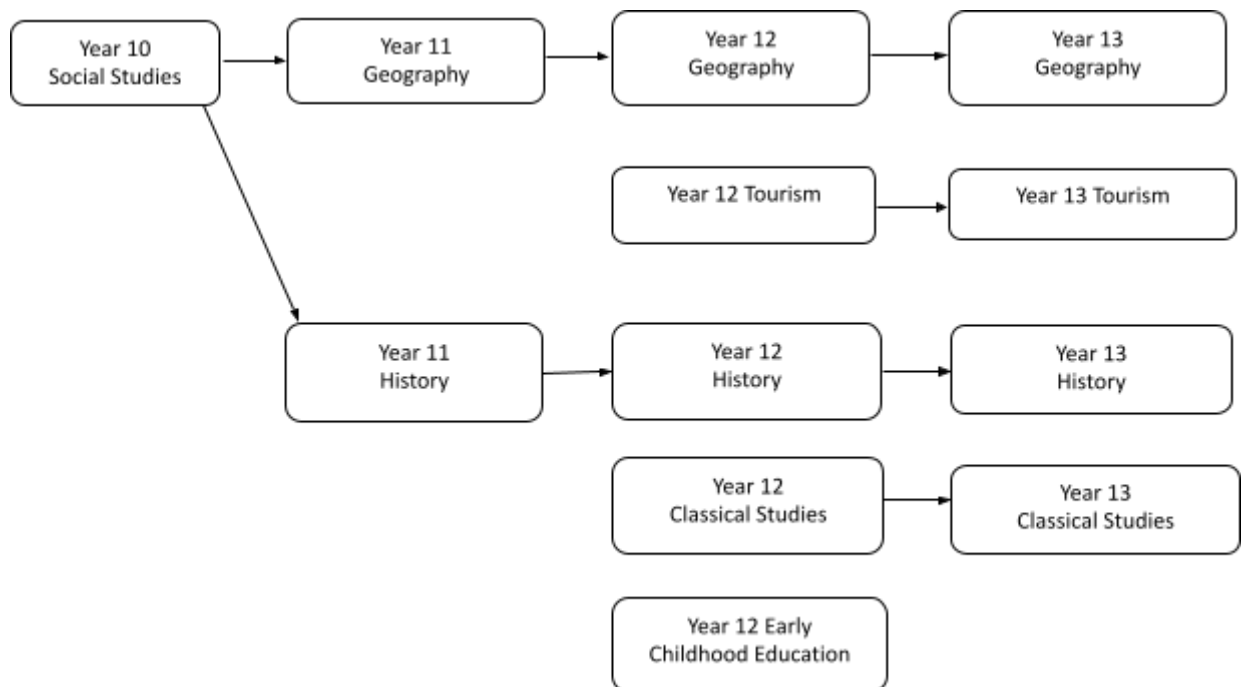
Physical Education (Compulsory Years 9 – 10)



Science (Compulsory Years 9 – 10)

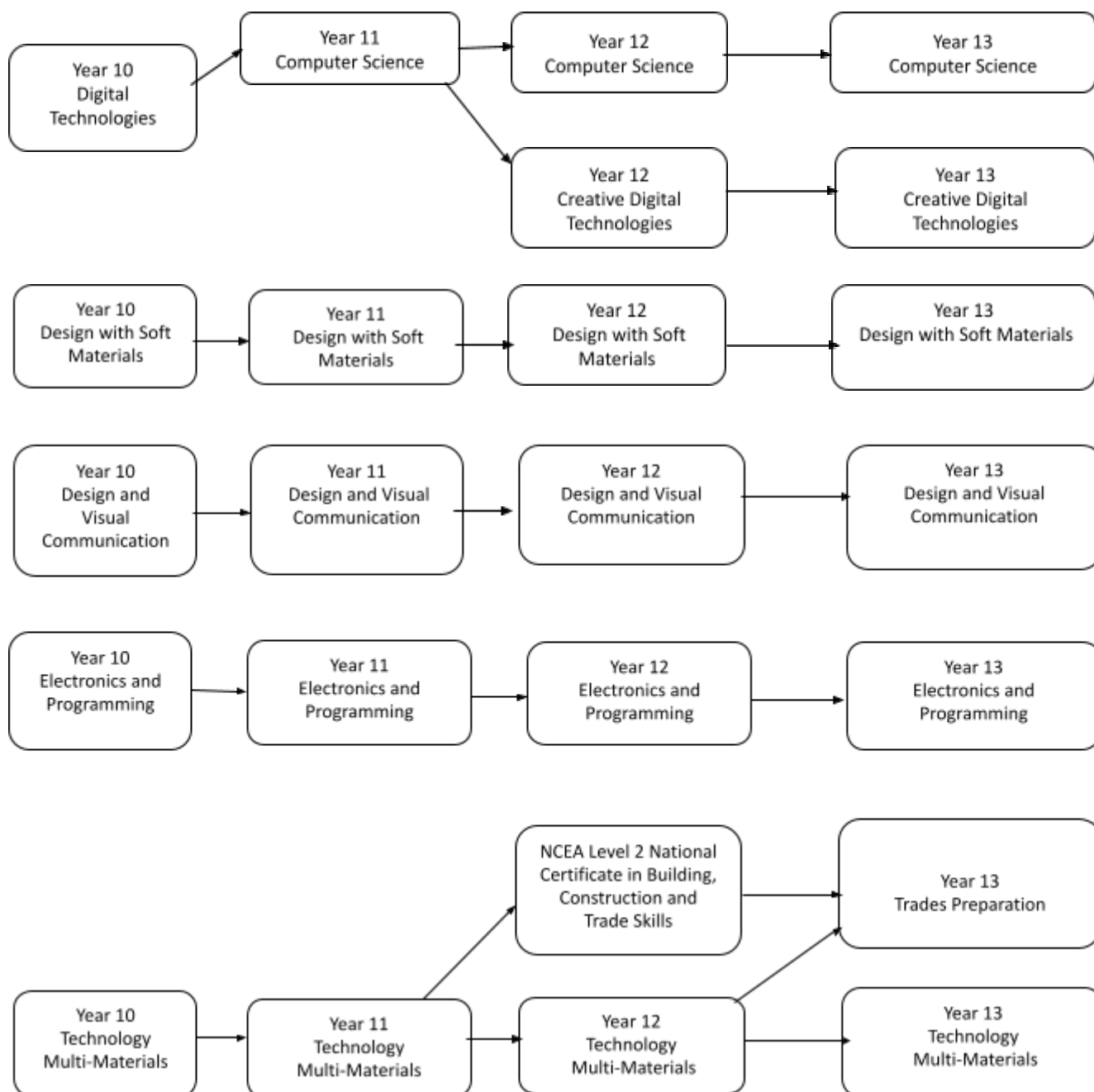


Social Sciences (Compulsory Years 9 – 10)

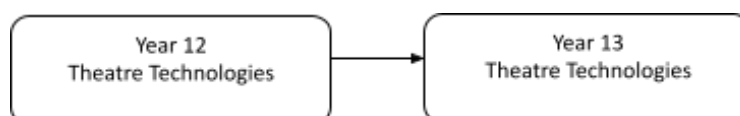


[Back to Top](#)

Technology



Technology / Performing Arts



[Back to Top](#)

Course Description and Information

Art (Visual Arts)

11ART1

11 Practical Art

Arts Department

Up to 30 Credits at

Eligible for Course Endorsement

Who is this course for?

Students who are creative thinkers who want to learn both traditional and contemporary approaches to art-making and enjoy expressing their own ideas in a variety of materials.

Entry Requirements

None

BYOD Recommendations

Digital photographic device

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literac		
					lit	num	R	W	
AS 90913 (Optional)	1.1 Demonstrate understanding of art works from a Maori and another cultural context using art terminology	4	INT	I will describe artworks in writing by identifying the conventions, methods, processes and materials used in the production of these works.	✓	☐	☐	☐	
AS 90914	1.2 Use drawing methods and skills for recording information using wet and dry media	4	INT	I will present 8-10 observation drawings of a wide variety of subject matter in both wet and dry media.	☐	☐	☐	☐	
AS 90915	1.3. Use drawing conventions to develop work in more than one field of practice	6	INT	I will present a 4-6 page unit of work for each field of practice (typically painting and printmaking). My work builds upon artists' techniques and ideas to develop my own successful independent solutions.	☐	☐	☐	☐	
AS 90916	1.4 Produce a body of work informed by established practice, which develops ideas, using a range of media	12	EXT	I will present a two panel, A1 Portfolio at the beginning of Term 4. I will select related works that form a series or sequence to show generation and development of my ideas in a range of media.	☐	☐	☐	☐	
AS 90917	1.5 Produce a finished work that demonstrates skills appropriate to cultural conventions	4	INT	I will plan and make a finished artwork to show my intended ideas and technical skill. You will be assessed exclusively on the final product.	☐	☐	☐	☐	
Total Credits		Up to 30							
Creative Industries		Up to 30							
Service Industries		Up to 8							

Business and Commerce

11ACC1

11 Accounting

Commerce Department

20 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This introductory Accounting course will provide students with a range of skills to understand basic Accounting information as an individual or owner of a business.

Entry Requirements

None

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90976	1.1 Demonstrate understanding of accounting concepts for small entities	3	EXT	I will learn the principles which form the basis of Accounting so that I can record, present and analyse accounting information accurately.	✓	☐	☐	☐
AS 90977	1.2 Process financial transactions for a small entity	5	INT	I will learn how to record and process cash transactions for a small business.	☐	☐	☐	☐
AS 90978	1.3 Prepare financial statements for sole proprietors	5	EXT	I will learn how to prepare and present accounting information for a small business.	☐	☐	☐	☐
AS 90981	1.6 Make a financial decision for an individual or group	3	INT	I will learn how to make a financial decision for an individual or group by comparing at least two options using relevant accounting information	✓	☐	☐	☐
AS 90982	1.7 Demonstrate understanding of cash management for a small entity	4	INT	I will learn the principles of cash management procedures so that I can protect the cash of my household.	✓	☐	☐	☐
Total Credits		20						
Service Industries		12						
Creative Industries		12						
Primary Industries		3						

11ECS1

11 Economics

Commerce Department

19 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This introductory Economics course will provide students with an insight into the ways consumers, producers and the government operate in our economy and is useful in understanding newspaper and television reports on current economic issues.

Entry Requirements

None

Course Costs

\$20 optional class trip

BYOD Recommendation

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90983	1.1 Demonstrate understanding of consumer choices, using scarcity and/or demand	4	EXT	I will learn how to construct and then make changes to Demand curves, as well as to understand the flow-on effects these changes have on consumers.	✓	☐	☐	☐
AS 90985	1.3 Demonstrate understanding of producer choices using supply.	3	EXT	I will learn how to construct and then make changes to Supply curves, as well as to understand the flow-on effects these changes have on producers.	✓	☐	☐	☐
AS 90986	1.4 Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium.	5	EXT	I will learn how to construct market equilibrium and then illustrate and explain how markets respond to consumer, producer and government choices.	✓	☐	☐	☐
AS 90987	1.5 Demonstrate understanding of a government choice where affected groups have different viewpoints	4	INT	I will learn how to prepare an Economic report and to apply a cost-benefit analysis to justify a recommendation on solving a current Government issue.	✓	☐	☐	☐
AS 90988	1.6 Demonstrate understanding of the interdependence of sectors of the New Zealand economy.	3	INT	I will learn about Economic interdependence and how major events and Government policy flow through our economy.	✓	☐	☐	☐
Total Credits								
Social and Community Services		3						
Service Industries		12						
Primary Industries		19						
Creative Industries		12						

[Back to Top](#)

English

11ENG1

11 English

English Department

Up to 21 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who demonstrate sound written communication skills and understand literature. The focus of this course is on reading and creating texts. Students will develop their ability to speak publicly, make connections across texts, and their creative and formal essay writing skills.

Entry Requirements

English teachers will decide on the most appropriate English course for each student based on Year 10 results.

BYOD Recommendations

An internet and word-processing capable device, such as a Chromebook or better.

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90849	1.1 Show understanding of studied written text(s)	4	EXT	I will read and then study a novel or a short story or other text in class and show my understanding of it in a written essay.	✓	☐	☐	☐
AS 90850	1.2 Show understanding of studied visual or oral text(s)	4	EXT	I will watch and then study a film in class and show my understanding of it in a written essay.	✓	☐	☐	☐
AS 90052	1.4 Produce creative writing	3	INT	I will plan, write, and then craft an original piece of creative writing of at least 350 words.	✓	☐	☐	☐
AS 90053 (optional)	1.5 Produce formal writing	3	INT	I will plan, write, and then craft an original piece of formal writing of at least 350 words.	✓	☐	☐	☐
AS 90857	1.6 Construct and deliver an oral text	3	INT	I will plan, construct, and deliver a speech of no fewer than 3 minutes.	✓	☐	☐	☐
AS 90852	1.8 Explain significant connections between texts	4	INT	I will choose texts that are related in some way then explain these connections providing examples and drawing relevant conclusions.	✓	☐	☐	☐
Total Credits		Up to 21						
Construction and Infrastructure		Up to 21						
Manufacture and Technology		Up to 21						
Service Industries		Up to 21						
Primary Industries		Up to 21						
Social and Community Services		Up to 21						
Creative Industries		Up to 21						

[Back to Top](#)

11ENG1L

11 English Literacy

English Department

14 + 10 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students to develop their communication skills in written and oral forms, as well as their ability to read, understand and respond to literature.

Entry Requirements

English teachers will decide on the most appropriate English course for each student based on Year 10 results.

BYOD Recommendations

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90849	1.1 Show understanding of studied written text(s)	4	EXT	I will read and then study a written text in class and show my understanding of it in a written essay.	✓	☐	☐	☐
AS 90857	1.6 Construct and deliver an oral text	3	INT	I will plan, construct and deliver a speech of no fewer than 3 minutes.	✓	☐	☐	☐
AS 90855	1.7 Create a visual text	3	INT	I will plan and construct a 2D image that symbolises the big ideas from a text I have studied.	✓	☐	☐	☐
AS 90852	1.8 Explain significant connections between texts	4	INT	I will experience three texts in class that are related in some way then I find examples of my own and explain the connections in a written report.	✓	☐	☐	☐
Level 1 US 26622	Writing	4	INT	I will produce three pieces of writing.	✓	☐	☐	☐
Level 1 US 26624	Reading	3	INT	I will read and show understanding of three written texts.	✓	☐	☐	☐
Level 1 US 26625	Speaking	3	INT	I will improve my ability to communicate in small group settings.	✓	☐	☐	☐

Total Credits	14+10
Construction and Infrastructure	14
Manufacture and Technology	14
Service Industries	14
Primary Industries	14
Social and Community Services	14
Creative Industries	14

[Back to Top](#)

English as a Second Language (ESL)

11ESL

11ESL

ESL Department

15 Credits at Level 2 or Level 3

Not Eligible for Course Endorsement

Who is this course for?

This course will provide students whose English ranges from A2 to low B1 of the Common European Framework of Reference (CEFR) with opportunities to extend their language and literacy skills.

Entry Requirements

None

BYOD Recommendations

An internet and word processing capable device such as a Chromebook or better

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
L3 US 30511 OR L2US 30995	Read and apply understanding in English for academic purposes (EAP)	5	INT	I will learn how to read and apply understanding in English for academic purposes.				
	Read and understand a straightforward text on a familiar topic (EL)			I will learn how to read and understand a straightforward text on a familiar topic (EL)				
L2 US 28001	Complete simple forms (EL)	5	INT	I will learn how to complete simple forms and write paragraphs.				
L2 US 30985 OR L3 US 30509	Demonstrate understanding of straightforward spoken instructions in a familiar context (EL)	5	INT	I will learn how to demonstrate understanding of straightforward spoken instructions in a familiar context.				
	Demonstrate and apply understanding of a short spoken text in English for an academic purpose (EAP)			I will learn how to demonstrate and apply understanding of a short spoken text in English for an academic purpose				
Total Credits		15						

[Back to Top](#)

Food and Hospitality

11FHS1

11 Food and Hospitality

Food and Hospitality Department

25 Credits at Level 1

Not Eligible for Course Endorsement

Who is this course for?

Students who enjoy preparing, cooking and presenting food and are keen to learn the theory behind it.

Entry Requirements

None

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 15892	Demonstrate knowledge of terminology used for food and recipes in commercial cookery	5	INT	I will be studying a range of essential food basics on which I will be tested.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 15901	Prepare and present fruit and vegetables in the hospitality industry	3	INT	I will present fresh produce in a range of ways and answer questions about them.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 15919	Prepare and present hot finger food in the hospitality industry	2	INT	I will make filo parcels, kebabs, satay and goujons and answer questions about these.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 15920	Prepare and present sauce and soup in the hospitality industry	2	INT	I will make both sauce and soup and explain the different types.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	3	INT	I will make cupcakes, sponge and scones and answer set questions about them.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 19771	Prepare and present seafood in the hospitality industry	3	INT	I will prepare and cook both fish and shellfish. My knowledge of seafood is tested in written answers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 21057	Prepare, construct and garnish mocktails for the hospitality industry	2	INT	I will construct non-alcoholic cocktails which are shaken, blended, stirred and built.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 19770	Prepare and present egg and cheese dishes in the hospitality industry	3	INT	I will prepare and cook both egg and cheese dishes. My knowledge of eggs and cheese is tested in written answers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	INT	I will learn the basics of knives in the kitchen and demonstrate this in an assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		25						
Service Industries		25						

11HEC1

11 Home Economics

Food and Hospitality Department

18 Credits at Level 1

Eligible for Course Endorsement

Who is this course for? Students who enjoy learning about nutrition and well-being as well as preparing and cooking food.

Entry Requirements None

BYOD Recommendations An internet capable device, such as a Chromebook or better

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90956	1.1 Demonstrate knowledge of an individual's nutritional needs	5	INT	After studying about nutrition I will plan a day's menu for a teenager which follows the national nutritional guidelines then prepare a meal for them from this menu.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90959	1.4 Demonstrate knowledge of practices and strategies to address food handling issues	5	INT	I will plan then write about safe food practices and demonstrate this when preparing and cooking a meal. I will also show my written understanding of a food handling issue.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90960	1.5 Demonstrate understanding of how an individual, the family and society enhance each other's well-being	4	EXT	Using a scenario I will read then write about the physical, emotional, social and spiritual aspects of well-being.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90961	1.6 Demonstrate understanding of how packaging information influences an individual's food choices and well-being	4	EXT	I will analyse and compare food packaging and look at the nutritional and promotional features and how these influence the food choices we make.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		18						
Service Industries		18						
Primary Industries		14						
Social and Community Services		18						

Languages

11CHN1

11 Chinese

Languages Department

24 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who enjoy learning Chinese, learning about the Chinese culture and who want an international language as part of their education and skills for both personal enjoyment and future employment opportunities. Students will become confident in the Chinese language and culture.

Entry Requirements

Year 10 Chinese

Course Costs

Optional activities/trips

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90868	1.1 Demonstrate understanding of a variety of spoken Chinese texts.	5	EXT	I will listen to and understand people speaking in Chinese and then answer questions about what they are discussing.	□	□	□	□
AS 90869	1.2 Give a spoken presentation in Chinese.	4	INT	I will prepare a short speech in Chinese to some of my classmates about a chosen topic. I can have notes and it is recorded on video.	□	□	□	□
AS 90870	1.3 Interact using spoken Chinese to communicate personal information, ideas and opinions.	5	INT	Over the year, I will record at least two conversations in Chinese I have with a classmate about different topics.	□	□	□	□
AS 90871	1.4 Demonstrate understanding of a variety of Chinese texts.	5	EXT	I will read and understand passages of Chinese and then answer questions in English about these passages.	□	□	□	□
AS 90872	1.5 Write a variety of text types in Chinese.	5	INT	Over the year, I will write at least two passages of Chinese about normal, everyday activities.	□	□	□	□
Total Credits		24						
Service Industries		20						
Social and Community Services		10						
Creative Industries		15						
Primary Industries		9						

[Back to Top](#)

11FRE1

11 French

Languages Department

24 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who enjoy learning French, learning about the French culture and who want an International Language as part of their education and skills for both personal enjoyment and future employment opportunities. Students will become confident in the French language and culture.

Entry Requirements

Year 10 French

Course Costs

Optional activities/trips

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90878	1.1 Demonstrate understanding of a variety of spoken French texts.	5	EXT	I will listen to and understand people speaking in French and then answer questions about what they are discussing.	□	□	□	□
AS 90879	1.2 Give a spoken presentation in French.	4	INT	I will prepare a short speech in French to some of my classmates about a trip I did. I can have notes and it is recorded on video.	□	□	□	□
AS 90880	1.3 Interact using spoken French to communicate personal information, ideas and opinions.	5	INT	Over the year, I will record at least two conversations in French I have with a classmate about different topics.	□	□	□	□
AS 90881	1.4 Demonstrate understanding of a variety of French texts.	5	EXT	I will read and understand passages of French and then answer questions in English about these passages.	□	□	□	□
AS 90882	1.5 Write a variety of text types in French.	5	INT	Over the year, I will write at least two passages of French about normal, everyday activities.	□	□	□	□
Total Credits		24						
Service Industries		20						
Social and Community Service		10						
Creative Industries		15						
Primary Industries		9						

[Back to Top](#)

11JAP1

11 Japanese

Languages Department

24 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who enjoy learning Japanese, learning about the Japanese culture and who want an International Language as part of their education and skills for both personal enjoyment and future employment opportunities. Students will become confident in the Japanese language and culture.

Entry Requirements

Year 10 Japanese

Course Costs

Optional activities/trips

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90893	1.1 Demonstrate understanding of a variety of spoken Japanese texts.	5	EXT	I will listen to and understand people speaking in Japanese and then answer questions about what they are discussing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90894	1.2 Give a spoken presentation in Japanese.	4	INT	I will prepare a short speech in Japanese to some of my classmates about a chosen topic. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90895	1.3 Interact using spoken Japanese to communicate personal information, ideas and opinions.	5	INT	Over the year, I will record at least 2 conversations in Japanese I have with a classmate about different topics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90896	1.4 Demonstrate understanding of a variety of Japanese texts.	5	EXT	I will read and understand passages of Japanese and then answer questions in English about these passages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90897	1.5 Write a variety of text types in Japanese.	5	INT	Over the year, I will write at least 2 passages of Japanese about normal, everyday activities.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		24						
Service Industries		20						
Social and Community Services		10						
Creative Industries		15						
Primary Industries		9						

[Back to Top](#)

30 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who are genuinely passionate about learning the Māori language, culture and custom. Students who want to learn an official language of Aotearoa as part of their education and skills for both personal enjoyment and future employment opportunities. There is a strong focus on Manaakitanga *hospitality/caring for others* and Whanaungatanaga, *building and strengthening relationships* and you will show your understanding of these Tikanga in everyday situations. There is an expectation that students are also a part of kapahaka which will in turn, assist with the practical side of this course.

Entry Requirements

Year 10 Te Reo Māori

Course Costs

Optional activities/trips

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91085	1.1 Whakarongo kia mohio ki te reo o tōna ao	6	INT	Over the year, I will listen to three types of spoken language, and then answer questions relating to what I hear and understand.	✓	☐	☐	☐
AS 91086	1.2 Kōrero kia whakamahi i te reo o tōna ao	6	INT	Over the year, I will prepare three short speeches on chosen topics in Te Reo Māori to demonstrate my understanding of the spoken language.	✓	☐	☐	☐
AS 91087	1.3 Pānui ki te mōhio ki te reo o tōna ao	6	EXT	I will be given passages from which I am to answer questions showing my understanding, comprehension and proficiency of Te Reo Māori.	✓	☐	☐	☐
AS 91088	1.4 Tuhi i te reo o tōna ao	6	EXT	I will be given a range of topics, from which, I am to plan and craft a single piece of writing of at least 100 words in Te Reo Māori.	✓	☐	☐	☐
AS 91089	1.5 Waihanga tuhinga i te reo o tōna ao	6	INT	Over the year, I will plan, write and then craft to my best three original pieces of at least 100 words.	✓	☐	☐	☐
Total Credits		30						
Service Industries		30						
Social and Community Services		30						
Creative Industries		30						
Primary Industries		30						

[Back to Top](#)

11SAM1

11 Samoan

Languages Department

24 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who are genuinely passionate about learning the Samoan Language, culture and customs. Students who want to learn a Pacific language and a community language of New Zealand as part of their education and skills for both personal enjoyment and future employment opportunities. There will be a strong focus on *Tu ma Aga Fa`asāsmoa* which relates to having respect for self, respect for others and respect for the community as a whole in everyday situations. A student's understanding of this will be showcased in the way they talk, walk and stand.

Entry Requirements

Year 10 Samoan

Course Costs

Optional activities/trips

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90903	1.1 Demonstrate understanding of a variety of spoken Samoan texts	5	EXT	I will listen to and understand people speaking in Samoan and then answer questions about what they are discussing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90904	1.2 Give a spoken presentation in Samoan	4	INT	I will prepare a short speech in Samoan to some of my classmates on a given topic. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90905	1.3 Interact using spoken Samoan to communicate personal information, ideas and opinions	5	INT	Over the year, I will record at least two conversations in Samoan I have with a classmate about different topics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90906	1.4 Demonstrate understanding of a variety of Samoan texts	5	EXT	I will read and understand passages of Samoan and then answer questions in English about these passages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90907	1.5 Write a variety of text types in Samoan	5	INT	Over the year, I will write at least two passages of Samoan about normal, everyday situations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		24						
Service Industries		20						
Social and Community Services		10						
Creative Industries		15						
Primary Industries		9						

[Back to Top](#)

Mathematics

11MAT1A

11 Mathematics Academic

Mathematics Department

23 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Academic Mathematics Level 1. Students consistently operating at or above NZ Curriculum Level 5 Mathematics. A particular emphasis will be for students to develop independent investigation and reporting skills in areas of Mathematics.

Entry Requirements

Year 10 Mathematics achievement with most papers at Merit and Excellence – teacher referral.

BYOD Recommendations

Laptop or Chromebook, Scientific or Graphics Calculator

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy		
					lit	num	R	W	
AS 91026	1.1 Apply numeric reasoning in solving problems	4	INT	I will use different numeric methods to investigate a multistep problem	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 91027	1.2 Apply algebraic procedures in solving problems	4	EXT (MCAT)	I will select and use algebraic techniques to solve problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 91028	1.3 Investigate relationships between tables, equations and graphs	4	EXT	I will use patterns, tables, equations and graphs to solve problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 91029	1.4 Apply linear algebra in solving problems	3	INT	I will use linear algebra to solve problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 91032	1.7 Apply right-angled triangles in solving measurement problems	3	INT	I will use measurement and trigonometric skills to solve practical measurement problems in test conditions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 91037	1.12 Demonstrate understanding of chance and data	4	EXT	I will interpret statistical information and apply probability concepts..	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Total Credits		22							
Construction and Infrastructure		18							
Manufacture and Technology		18							
Primary Industries		22							
Service Industries		15							
Social and Community Services		15							
Creative Industries		22							

[Back to Top](#)

11MAT1

11 Mathematics

Mathematics Department

21 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Mathematics Level for students operating at NZ Curriculum Levels 4 and 5 Mathematics. Further grounding will be provided in Number, Algebra and Geometry before proceeding to the more academic Achievement Standards.

Entry Requirements

Year 10 Mathematics achievement or higher in all papers – teacher referral.

BYOD Recommendations

Laptop or Chromebook, Scientific or Graphics Calculator

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91026	1.1 Apply numeric reasoning in solving problems	4	INT	I will use different numeric methods to investigate a multistep problem in exam conditions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91027	1.2 Apply algebraic procedures in solving problems	4	EXT (MCAT)	I will select and use algebraic techniques to solve problems in an MCAT examination.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91028	1.3 Investigate relationships between tables, equations and graphs	4	EXT	I will use patterns, tables, equations and graphs to solve problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91029	1.4 Apply linear algebra in solving problems	3	INT	I will use linear algebra methods to solve problems in a single period examination.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91032	1.7 Apply right-angled triangles in solving measurement problems	3	INT	I will use measurement and trigonometric skills to solve practical measurement problems in test conditions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91036	1.11 Investigate a situation involving bivariate data	3	INT	I will plan, perform, and report on an experiment to investigate bivariate data using the statistical inquiry cycle.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		21						
Construction and Infrastructure		18						
Manufacture and Technology		18						
Primary Industries		21						
Service Industries		21						
Social and Community Services		11						
Creative Industries		21						

[Back to Top](#)

11MAT11

11 Mathematics Internal

Mathematics Department

16 + 10 Credits at Level 1

Not Eligible for Course Endorsement

Who is this course for?

Core Mathematics Level 1 for students consistently operating below NZ Curriculum Level 5 Mathematics in Year 10. The focus will be on gaining a basic understanding of mathematical skills and applications

Entry Requirements

None

BYOD Recommendations

Laptop or Chromebook, Scientific Calculator

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91026	1.1 Apply numeric reasoning in solving problems	4	INT	I will use different numeric methods to investigate a multistep problem in exam conditions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91029	1.4 Apply linear algebra in solving problems	3	INT	I will use linear algebra methods to solve problems in a single period examination.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91032	1.7 Apply geometric reasoning in solving problems	3	INT	I will use measurement and trigonometric skills to solve practical measurement problems in test conditions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91036	1.11 Investigate bivariate numerical data using the statistical enquiry cycle	3	INT	Using appropriate technology, I will complete the statistical inquiry cycle to investigate and compare multivariate data, and write a report.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91038	1.13 Investigate a situation involving elements of chance	3	INT	I will plan, perform, and report on an experiment to investigate elements of chance using the statistical inquiry cycle.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 26623	Number Numeracy Unit Standard	4	INT	I will complete a portfolio of number problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 26627	Measurement Numeracy Unit Standard	3	INT	I will complete a portfolio of measurement problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 26626	Statistics Numeracy Unit Standard	3	INT	I will complete a portfolio of statistical and probability concepts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		16+10						
Construction and Infrastructure		10						
Manufacture and Technology		10						
Primary Industries		16						
Service Industries		16						
Creative Industries		16						
Social and Community Services		10						

[Back to Top](#)

Media Studies

11MED1

11 Media Studies

Media Studies Department

Up to 19 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Media Studies is for students who want to actively explore, analyse, create, and enjoy the media and its products. In year 11 you will:

- Examine the characteristics of a film or television genre.
- Conceive, plan, design and produce a music video that engages a target audience.
- Learn how elements of media language can be used to interpret a scene from a film or a music video.
- Research how different demographic groups (for example, millennial teens) use social media.

Creativity, collaboration and managing self are key skills needed for success in Media Studies, along with excellent written and oral communication skills.

Media Studies is also offered at years 12 and 13 and Scholarship. It can lead to a career or qualification in Communications, Journalism, Film and/or Television at university and other tertiary institutions.

Entry Requirements

None

BYOD Recommendations

The department has computers and Adobe Creative Cloud for editing. Students can edit on their own devices, provided they have a suitable editing programme installed.

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90989 (Optional)	1.1 Demonstrate understanding of how individuals interact with the media	3	INT	I will study how people of different ages and cultures use social media and present my findings in a written report or slideshow.	✓	✓	☐	☐
AS 90990	1.2 Demonstrate understanding of selected elements of media text(s)	3	INT	I will examine how film language is used to create meaning. I will present my work in a written report, slideshow or vlog.	✓	☐	☐	☐
AS 900992	1.4 Demonstrate understanding of characteristics of a media genre	4	EXT	I will study the characteristics of a film or television genre and show my understanding in a written essay.	✓	☐	☐	☐
AS 90993	1.5 Produce a design and plan for a media product using a specified range of conventions	3	INT	I will work alone or collaboratively to plan a music video that includes genre conventions and present my work in a portfolio of planning materials.	☐	☐	☐	☐
AS 90994	1.6 Complete a media product from a design and plan using a specified range of conventions	6	INT	I will work alone or collaboratively to film and edit a music video that engages its target audience.	☐	☐	☐	☐
Total Credits		Up to 19						
Service Industries		Up to 10						
Creative Industries		Up to 19						

Music

11MSS1

11 Music Studies

Music Department

30 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who have had lessons on an instrument or voice for at least 2 years and have an understanding of music notation.

Entry Requirements

Successful completion of Year 10 Music Studies including Aural and Theory

BYOD Recommendations

A Laptop Computer

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91090	1.1 Perform two pieces of music as a featured soloist	6	INT	I will practise at home and attend weekly lessons to prepare two pieces. I will perform in front of an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91091	1.2 Demonstrate ensemble skills through performing a piece of music as a member of a group	4	INT	I will learn rehearsal and performance skills and techniques to prepare for a performance in front of an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91092	1.3 Compose two original pieces of music	6	INT	I will learn about the elements of music and use music software to create my own original music.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91093	Demonstrate aural and theoretical skills through transcription	4	EXT	I will learn to transcribe music notation through listening and developing my perception for the external examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91094	1.5 Demonstrate knowledge of conventions used in music scores	4	EXT	I will learn about the elements of music including compositional devices, harmony, instrumental techniques and conventions of notation for the external examination.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91095	1.6 Demonstrate knowledge of two music works from contrasting contexts	6	INT	I will study the musical features, style and context of two music works and present my own research findings as well as sitting written tests.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		30						
Creative Industries		30						

11MKM1

11 Making Music

Music Department

26 Credits at Level 1

Not Eligible for Course Endorsement

Who is this course for? Students who have had lessons on an instrument or voice for at least 2 years

Entry Requirements Successful completion of Year 10 Music Studies including performances

BYOD Recommendations A chromebook or laptop computer

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91090	1.1 Perform two pieces of music as a featured soloist	6	INT	I will practise at home and attend weekly lessons so I can perform two pieces in front of an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91091	1.2 Demonstrate ensemble skills through performing a piece of music as a member of a group	4	INT	I will practise with my group in class to prepare for a performance in front of an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91092	1.3 Compose two original pieces of music	6	INT	I will learn about the elements of music and use music software to create my own original music.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91095	1.6 Demonstrate knowledge of two music works from contrasting contexts	6	INT	I will study the musical features, style and context of two music works and present my own research findings as well as sitting written tests.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 32300	Demonstrate and apply introductory knowledge of MIDI sequencing	2	INT	I will learn to use sequencing software and be able to describe what I am doing using the correct terminology.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 32301	Demonstrate and apply introductory knowledge of a music notation application	2	INT	I will learn to use notation software and be able to produce an accurate score.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		26						
Creative Industries		26						

[Back to Top](#)

Performing Arts

11DAN1

11 Dance

Performing Arts Department

20 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students will compose and perform dance sequences in a variety of styles. They will also demonstrate an understanding of dance performance and knowledge of dance genres. The majority of the work is practical with a small written component. It is possible to increase the amount of credits available in this course through extra-curricular performance opportunities – see the HoD for details. Performing Arts subjects are collaborative and all internal assessments are group based. If you intend to take a Performing Arts subject, you must be aware that good attendance is mandatory.

Entry Requirements

None

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90858	1.1 Compose dance sequences for given briefs	6	INT	I will work with a partner and groups of three or more. I will learn how to use the dance elements and choreographic devices to compose two to three dance sequences that express ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90002	1.2 Perform dance sequences	6	INT	I will learn how to perform a range of dances and demonstrate an understanding of the performance requirements of the genres and styles.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90860	1.4 Demonstrate understanding of the elements of dance	4	INT	I will learn how to demonstrate understanding of the elements of dance by describing, explaining and responding to the ways that dance elements communicate meaning, themes, feelings, and moods.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90861	1.5 Demonstrate understanding of a dance performance	4	EXT	I will learn to describe, explain, and respond to the ways that dance uses elements, devices, structures, performance skills, and production technologies to communicate images, themes, feelings and moods.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		20						
Creative Industries		20						
Primary Industries		6						

[Back to Top](#)

11DRA1

11 Drama

Performing Arts Department

Up to 21 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

In this highly practical course students will explore the use of acting techniques, performance, drama conventions and genres. Students will devise short dramas and perform in various roles throughout the year. The course focuses on building confidence and the ability to express ideas and intentions, while working productively with the class whanau which is the core of collaboration and success in the Performing Arts. Performing Arts subjects are collaborative and all internal assessments are group based. If you intend to take a Performing Arts subject, you must be aware that good attendance is mandatory.

Entry Requirements

None

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90006	1.1 Apply drama techniques in a dramatic context	4	INT	I will work with groups of two or more to learn how to act, using the drama techniques in a dramatic context (usually a scripted text)	✓	☐	☐	☐
AS 90997	1.2 Devise and perform a drama	5	INT	I will learn how to research, evaluate and refine ideas with others to develop drama for performance.	✓	☐	☐	☐
AS 90999	1.4 Use features of a drama/theatre form in a performance	4	INT	I will learn a drama/theatre form and use features of the drama/theatre form in a performance.	✓	☐	☐	☐
AS 91000 (Optional)	1.5 Demonstrate understanding of a significant play	4	INT	I will learn about a significant play, its history, purpose, and how it impacts our world today. I will then present my understanding in any way I want to – we encourage performance of course!	✓	☐	☐	☐
AS 90998	1.3 Demonstrate understanding of features of a drama/theatre form	4	EXT	I will demonstrate understanding of the features of a drama/theatre form in a written exam.	✓	☐	☐	☐
Total Credits		Up to 21						
Creative Industries		Up to 21						
Service Industries		13						

[Back to Top](#)

Physical Education and Health

11PED1

11 Physical Education

Physical Education and Health Department

Who is this course for?

Students who are interested in and enjoy participating in physical activity and understanding the factors which influence success; learning how to improve performance; and develop interpersonal skills. This subject is not just for athletes; it allows students to develop their understanding of the factors, which affect participation, skill learning and responsible behaviour. 2021 Practical Options included Outdoor Education, Netball, Volleyball, Ki o Rahi.

Entry Requirements

None

BYOD Recommendations

Google classroom used for this course. Benefit to have access to the internet at home and a device.

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90962	1.1 Participate actively in a variety of physical activities and explain factors that influence own participation	5	INT	I will take part in different physical activities and describe how participation in these activities affects well-being. Includes personal fitness programme, team games and outdoor education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90963	1.2 Demonstrate knowledge of body structure and function in the performance of a physical activity	5	INT	I will participate and video myself playing a chosen sport. I will complete 3 tasks to identify and explain the anatomical, biomechanical and physiological changes that occur in the videos/pictures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90964	1.3 Demonstrate quality of movement in a physical activity	3	INT	I will perform in a chosen physical activity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90966	1.5 Use strategies to develop interpersonal skills in a group or team	4	INT	I will participate in a group where we will be required to identify and develop two interpersonal skills and their improvement during different physical activities.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 90967	1.6 Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	3	INT	I will learn about how we can improve the performance of a specific sports skill and demonstrate different strategies to help improve my performance.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		20						
Service Industry Credits		20						
Primary Industries		9						
Social and Community Service		20						
Creative Industries		17						

[Back to Top](#)

11HEA1

11 Health

Physical Education and Health Department

19 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who want to learn about well-being, with the intent to develop critical thinking and to make meaning of the world around them. Learning how they can make health-enhancing decisions for themselves, others and society.

Entry Requirements

None

BYOD Recommendations

Google classroom used for this course. Benefit to have access to the internet at home and a device.

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 90971	1.1 Take action to enhance an aspect of personal well-being	3	INT	I will pick a health-enhancing SMART goal that I will then implement into my life and keep a diary of, looking at how it affects my well-being.	✓	☐	☐	☐
AS 90972	1.2 Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations	4	EXT	I will learn about adolescent eating patterns looking at what influences them and actions that can be taken to be healthier and enhance the well-being of myself and others. This will be tested through a written exam, which focuses on different scenarios.	✓	☐	☐	☐
AS 91097	1.3 Demonstrate understanding of ways in which well-being can change and strategies to support well-being	4	INT	I will look at different changes that occur in life and look at strategies to positively enhance mine and others' well-being. It involves an open book assessment based on a movie watched in class.	✓	☐	☐	☐
AS 90974	1.5 Demonstrate understanding of strategies for promoting positive sexuality	4	INT	I will learn about how to promote positive sexuality by developing a website or magazine that teenagers could gain relevant and helpful information from.	✓	☐	☐	☐
AS 90975	1.6 Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	4	EXT	I will learn about issues relating to different drugs, focusing on how they affect well-being and what strategies can be used to enhance health. This will be tested through a written exam.	✓	☐	☐	☐
Total Credits		19						
Service Industries		15						
Primary Industries		15						
Creative Industries		19						
Social and Community Services		19						

[Back to Top](#)

Science

11SCI1

11 Science

Science Department

20 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

All year 11 students wanting to study Science.
Students who would like to study Physics, Chemistry or Biology at level 2 must take this course first.

Entry Requirements

None

BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy		
					lit	num	R	W	
AS 90940	S1.1 Demonstrate understanding of aspects of mechanics	4	EXT	I will learn about motion, forces and energy including how to solve problems mathematically using formulae	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 90944	S1.5 Demonstrate understanding of aspects of acids and bases	4	EXT	I will learn about atomic structure, particle theory and rates of reaction and relate to acids and bases properties and uses of acids and bases.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 90948	S1.9 Demonstrate understanding of biological ideas relating to genetic variation	4	EXT	I will learn about biological ideas relating to genetics, genetic variation and its effects.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 90930	C1.1 Carry out a practical chemistry, with direction	4	INT	I will carry out a chemistry investigation into the factors that affect rate of reaction.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
AS 90950	S1.11 Investigate biological ideas relating to interactions between humans and microorganisms	4	INT	I will learn about microorganisms and pathogens. Linking their effects on humans to our actions that attempt to keep us healthy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Total Credits		20							
Construction and Infrastructure		12							
Manufacture and Technology		16							
Service Industries		8							
Primary Industries		20							
Social and Community Services		16							
Creative Industries		20							

[Back to Top](#)

Social Sciences

11GEO1

11 Geography

Social Science Department

Up to 21 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students who are interested in the shaping of our natural world and who want to understand how events affect the environment we live in.

Entry Requirements

None

BYOD Recommendations

Wi-Fi connectable device (ie Chromebook)

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91007	1.1 Demonstrate understanding of environments that have been shaped by extreme natural event(s)	4	EXT	I will be exploring how natural events change the environment and how they affect people.	✓	☐	☐	☐
AS 91010	1.4 Apply concepts and basic geographic skills to demonstrate understanding of a given environment	4	EXT	I will learn to read and interpret resources and be able to apply geographic skills and concepts to them.	☐	✓	☐	☐
AS 91009 (Optional)	1.3 Demonstrate geographic understanding of the sustainable use of an environment	3	INT	I will develop an understanding of how to use an environment in a manner that is sustainable.	✓	☐	☐	☐
AS 91011	1.5 Conduct geographic research, with direction	4	INT	I will conduct research around a geographic topic that will involve collecting and explaining data as it relates to my aim.	✓	✓	☐	☐
AS 91012	1.6 Describe aspects of a contemporary New Zealand geographic issue	3	INT	I will examine an issue that is happening currently in NZ and look at the ways it affects people and their environment.	✓	☐	☐	☐
AS 91013	1.7 Describe aspects of a geographic topic at a global scale	3	INT	I will examine an issue that is happening currently in the world and look at the ways it affects people and their environment.	✓	☐	☐	☐
Total Credits		Up to 21						
Construction and Infrastructure		4						
Primary Industries		Up to 18						
Service Industries		Up to 21						
Social and Community Services		3						
Creative Industries		Up to 17						

[Back to Top](#)

11HIS1

11 History

Social Science Department

20 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

Students with solid basic reading and writing skills who enjoy thinking about issues, finding out who, what, when and why in the past, in New Zealand and other countries

Entry Requirements

None

BYOD Recommendations

Wi-Fi connectable device (ie Chromebook)

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91001	1.1 An investigation of an historical event of significance to New Zealanders	4	INT	I will create questions about an historical event that is significant to New Zealanders and discover primary and secondary resources and evaluate the process.	✓	☐	☐	☐
AS 91002	1.2 Demonstrate understanding of an historical event of significance to New Zealanders	4	INT	I will use the information from AS91001 to create a written description about the details of the chosen event.	✓	☐	☐	☐
AS 91004	1.4 Describe the perspectives of people in an historical event of significance to new Zealanders	4	INT	I will use the information from AS91001 to describe how people involved in an historical event reacted to that event.	✓	☐	☐	☐
AS 91005	1.5 Describe the causes and consequences of an historical event	4	EXT	I will describe the causes and consequences of a significant historical event in the past, in essay form.	✓	☐	☐	☐
AS 91006	1.6 Describe how a significant historical event affected New Zealand society	4	EXT	I will describe how a significant historical event affected New Zealand society, in essay form.	✓	☐	☐	☐
Total Credits		20						
Service Industries		12						
Social and Community Services		16						
Creative Industries		20						

[Back to Top](#)

Technology

11CSC1

11 Computer Science

Technology Department

17 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who want to develop computing, digital media and programming skills. Students will develop understanding of how ICT impacts almost every aspect of our lives. Students will develop foundational knowledge that supports pathways to Information Communication Technology careers. However, this course is relevant to any career pathway as ICT is a fundamental skill across a huge variety of professions.

Entry Requirements

None

BYOD Recommendations

A digital device for home learning

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91880	1.4 Develop a Digital media outcome	4	INT	I will develop a digital media outcome	✓	☐	☐	☐
AS 91883	1.7 Develop a computer program	4	INT	I will develop a computer program	☐	☐	☐	☐
AS 91884	1.8 Use basic iterative processes to develop a digital outcome	6	INT	I will learn about and use basic iterative processes in developing a digital outcome	✓	☐	☐	☐
AS 91886	1.10 Demonstrate understanding of human computer interaction	3	EXT	I will learn to analyse human computer interaction in digital outcomes	✓	☐	☐	☐
Total Credits		17						
Manufacture and Technology		17						
Service Industries		6						
Primary Industries		10						
Creative Industries		17						
Construction and Infrastructure		6						
Social and Community Services		10						

[Back to Top](#)

11DSM1

11 Design with Soft Materials

Technology Department

Up to 21 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who want to develop fundamental and transferable design skills that are relevant to a wide range of design fields but particularly Fashion and Apparel design. Students will develop design ideas to meet a real life need. They will draft their own patterns, test their ideas using toiles and learn about different materials and construction techniques as they create a product or garment.

Entry Requirements

None

BYOD Recommendations

64-bit Operating System, 2.5GHz CPU, 2D Graphics card (Dedicated GPU), Min 8Gb RAM

Standard	Title	Credits	INT/EXT	So what will I be doing?				
					lit	num	R	W
AS 91068	1.35 Undertake development of design ideas through graphics practice.	6	INT	I will learn about the different stages of the design process and implement them as I work towards solving design issues.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91046	1.3 Use design ideas to produce a conceptual design for an outcome to address a brief	6	INT	I will learn how to develop a conceptual design that addresses a brief.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91063	1.30 Produce freehand sketches to communicate own design ideas.	3	EXT	I will learn about a range of sketching techniques that I can draw on to express and explore my own design ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91058	1.21 Implement basic procedures using textile material to make a specified product.	6	INT	I will learn about key construction techniques and use them to construct a prototype (sample) of a garment or product.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		Up to 21						
Construction & Infrastructure		21						
Manufacture & Technology		21						
Creative Industries		21						
Primary Industries		6						

[Back to Top](#)

11DVC1

11 Design and Visual Communication

Technology Department

Up to 18 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who are interested in design within Product and Spatial contexts like Architecture, Landscape Architecture and Industrial design. Students will apply clever design thinking and a range of visual communication methods as they explore and refine their design ideas. Our students engage with digital modelling, freehand and technical communication techniques that enable them to develop and present their design work with flair. For students who wish to further their studies in DVC, this course provides the basis and opportunity to progress on through to Levels 2, 3 and Scholarship.

Entry Requirements

None

BYOD Recommendations

Min. 2.5Ghz, 64bit processor, min. 2G dedicated Graphics card,

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91063	1.30 Produce freehand sketches that communicate design ideas.	3	EXT	I will learn about a range of 2D and 3D sketching techniques and draw on them to express and explore my own design ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91064	1.31 Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas.	3	EXT	I will learn about and producing 2D technical drawings of a design solution I have developed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91066	1.33 Use rendering techniques to communicate the form of ideas	3	INT	I will learn about rendering techniques and apply them to my design drawings to enhance their form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91067 (Optional)	1.34 Use the work of an influential designer to inform design ideas	3	INT	I will study the way in which an influential designer uses different elements of design in their work and use them to influence my own design ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91068	1.35 Undertake development of design ideas through graphics practice.	6	INT	I will learn about the design process as I generate, evaluate, explore and refine design ideas to solve issues in Product and Spatial design contexts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Total Credits	Up to 18
Construction & Infrastructure	15
Manufacture & Technology	Up to 18
Creative Industries	Up to 18

[Back to Top](#)

11TCE1

11 Electronics and Programming

Technology Department

16 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who want to develop electronics and programming theory, knowledge and skills. Students will develop understanding of and apply key concepts of the ICT and electronics industries that have transformed our society. This course will give students foundational knowledge that supports pathways to Engineering or Technology careers.

Entry Requirements

None

BYOD Recommendations

Min. 2.5Ghz, 64bit processor, min. 2G dedicated Graphics card

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91046	1.3 Use design ideas to produce a conceptual design for an outcome to address a brief	6	INT	I will generate and develop design ideas that address a brief.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91050	1.7 Demonstrate understanding of the role of subsystems in technological systems	4	EXT	I will learn what subsystems are and the role they play in electronic systems.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91881	1.5 Develop an electronics outcome	6	INT	I will develop my own electronic outcome to a given brief.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		16						
Manufacture and Technology		16						
Construction and Infrastructure		16						
Primary Industries		16						
Creative industries		16						

[Back to Top](#)

11TMM1

11 Technology Multi-Materials

Technology Department

Up to 19 Credits at Level 1

Eligible for Course Endorsement

Who is this course for?

This course is for students who enjoy practical, hands on learning experiences and are interested in design and problem solving. Students will work with timber and other hard materials as they develop prototypes of design solutions that meet real life needs and opportunities. This course leads to careers such as, Engineering, Construction, Cabinet making, Manufacture and Architecture and is recognised as a UE entrance subject at level 3 NCEA.

Entry Requirements

None

BYOD Recommendations

Min. 2.5Ghz, 64bit processor, min. 2G dedicated Graphics card

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91046	1.3 Use design ideas to produce a conceptual design for an outcome to address a brief	6	INT	I will generate and develop design ideas that address a brief.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91063	1.30 Produce freehand sketches that communicate design ideas.	3	EXT	I will learn about and apply a range of 2D and 3D sketching techniques as I generate and develop my own design ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91057	1.20 Implement basic procedures using resistant materials to make a specified product	6	INT	I will implement basic procedures, using materials, to make a product that meets specifications. The product will then be tested to show fitness of purpose.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91049 (Optional)	1.6 Demonstrate understanding of how materials enable technological products to function	4	EXT	I will learn about material properties and how they influence decision making about material suitability in different contexts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		Up to 19						
Manufacture and Technology		Up to 19						
Construction and Infrastructure		Up to 19						
Primary Industries		16						
Creative industries		13						

[Back to Top](#)