

# MOUNT ROSKILL GRAMMAR SCHOOL



MOUNT ROSKILL  
GRAMMAR SCHOOL

**2024 Year 12 ACADEMIC PROGRAMME**  
*A guide to choosing your learning pathway*

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# Courses available at Mount Roskill Grammar School

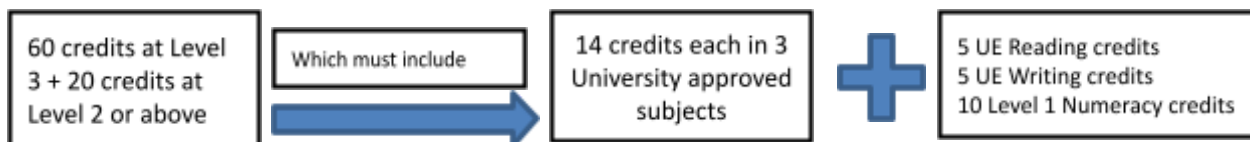
Department	YEAR 10	YEAR 11	YEAR 12	YEAR 13
<b>Academies</b>	Basketball Football Hockey Rugby	Not Available	Not Available	Not Available
<b>Art (Visual Arts)</b>	Visual Art	Visual Art	Art Visual – Painting or Printmaking Design Photography	Art Visual – Painting or Printmaking Design Photography
<b>Business/Commerce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

# 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](http://www.mrgs.school.nz) and from the NZQA website [www.nzqa.govt.nz](http://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
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.
NCEA Course Endorsement
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.

## National Certificates

In 2024 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									
<b>HOD discretion</b>		HOD may approve entry without requirement							
<b>INT</b>	Assessed internally				<b>EXT</b>	Assessed in the external examinations (Nov – Dec)			
<b>Lit</b>	Literacy	<b>Num</b>	Numeracy	<b>R</b>	Reading Credits	<b>W</b>	Writing Credits	<b>B</b>	Both <b>R</b> or <b>W</b> credits
Year 11 / 12 / 13 industry credits for Vocational Pathways									

## 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, 2023.

CAREER	RECOMMENDED SUBJECTS
Architecture	<p>Uni of Ak and Unitec - For your portfolio you need to include at least one of <b>Painting, Design or Photography</b>. <b>Digital Technology, Physics and Design and Visual Communication and Technology - Multi</b> are useful.</p> <p>AUT – <b>Painting, Design, Photography, Digital Technology, Physics and Design and Visual Communication and Technology</b> are useful.</p> <p>Unitec – <b>8 credits in English at Level 2 and 12 credits in Mathematics at Level 2</b> are required for the <b>Diploma in Architectural Technology and Graphics at Level 2 or 3</b> is useful.</p>
Art - Painting, Design, Design and Visual Communication, Photography	<p><b>For your portfolio you need to include one or more of Painting, Design, Photography or Design and Visual Communication.</b> 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.</p>
Arts/Humanities	<p>English, Classics, Languages, Drama, Economics, History, Media, Mathematics, Music, Geography and Te Reo are all useful subjects.</p>
Automotive trades	<p><b>Unitec - 12 credits in English, Mathematics and Science at Level 1 are the minimum requirements for the pre-apprenticeship certificate</b> but Level 2 English and Mathematics are preferred. Trade Preparation/Technology - Multi Materials and Electronics are useful.</p>
Aviation	<p><b>An English (English rich) subject is required.</b> Calculus and Physics are recommended, and Statistics is useful.</p>
Building/Carpentry trades	<p><b>Unitec - 10 credits in English and Mathematics at Level 1 are the minimum requirements for the pre-apprenticeship certificate</b> but Level 2 English and Mathematics are preferred. Trade Preparation/Technology – Multi Materials, Electronics and Sports &amp; Recreation are useful.</p>
Business/Commerce	<p>Accounting, Economics, Calculus, Statistics, English and Computer Science/Digital Technology are highly recommended.</p>
Chef/Catering	<p><b>AUT – One subject from Classics Studies, Drama, English, Geography, Health Education, History, Media Studies, Economics, Physical Education or Te Reo Māori is required for diploma entry.</b> English, Mathematics and Food Technology or Catering and Hospitality are useful.</p>
Communications/Journalism/Media	<p><b>AUT – Any subject from Classical Studies, Drama, Economics, English, Geography, Health, History, Media Studies, Physical Education, or Te Reo Māori.</b></p>
Computer Science	<p><b>AUT – Calculus, Mathematics or Statistics, Digital Technologies/Computer Science and English</b> are recommended.</p>

Defence Forces	<b>English and Mathematics at Level 2 are required.</b> 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 <a href="http://www.defencecareers.mil.nz">www.defencecareers.mil.nz</a>
Dentistry	<b>Biology, Chemistry, Physics, English (English rich) and Statistics (Calculus) are required.</b>
Education	Languages, Classics, Economics, English, Geography, History, Te Reo Māori 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	<b>Unitec – 12 credits in Level 1 English, Mathematics and Science are the minimum requirements for the pre-apprenticeship certificate.</b> Physics, Electronics, Trade Preparation/Technology - Multi Materials are useful.
Engineering	<b>Calculus and Physics are required.</b> Chemistry and English rich subjects are recommended. Electronics, Computer Science or Technology – Multi Materials are useful
Fashion	<b>At least one of Design - Soft Materials, Painting, Photography and Design are required for the portfolio.</b> Classical Studies, Design and Visual Communication, English, Geography, History, Media Studies, Mathematics and Technology-Multi-Materials are useful.
Hairdressing	<b>English at Level 2 is required.</b> Mathematics and Art at Level 2 and Science at Level 1 are useful.
Law	Languages, Classical Studies, Economics, English, Geography, History and Te Reo Māori are recommended. A good standard of oral and written English is important.  <b>AUT</b> – Subjects that develop a very good standard of reading, oral and written English are preferred.
Medicinal Chemistry	<b>Uni of Ak – Chemistry is required. Biology, Physics, English, Classics, Geography and History are recommended. Calculus, Statistics or Mathematics are useful.</b>
Medicine	<b>Uni of Ak – Bach of Health Science – One of English, Geography History, Classics or Te Reo Māori is required as well as one Science.</b> Health and Statistics are useful.  <b>Uni of Ak - Bachelor of Science – Biomedical Science</b> – Biology, Chemistry, Physics, English (English rich subject) Statistics or Calculus are useful.  <b>Uni of Otago – Physics is recommended</b> Biology, Chemistry, and Statistics are useful. English (English-rich subject) and Calculus are useful.
Nursing	<b>Uni of Ak – One of English, Geography History, Classical Studies or Te Reo Māori are required as well as Biology and Chemistry.</b> Health and Statistics are useful.  <b>AUT – One subject from Biology, Chemistry or Physics is required.</b> English (English rich), Mathematics and Health are recommended.  <b>Massey Uni – One of Biology, Chemistry or Physics is required.</b> English, Statistics and Health are useful. <b>A current First Aid Certificate is required on admission.</b>  <b>Unitec – 12 credits in one science subject at Level 2 or above is required.</b> English, Mathematics and Health are useful. <b>A current First Aid Certificate upon acceptance into the programme is required.</b>

Office Work/ Receptionist	<b>MIT –English, Mathematics, Digital Technologies, Business Practice as well as Catering and Hospitality at Level 2 are useful for the certificate.</b>
Oral Health	<b>AUT – Biology is required.</b> English (English rich), Health and Statistics are highly recommended.  <b>Uni of Otago – Biology and English are required.</b> Health and Statistics are useful.
Optometry	<b>Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, English (English rich subject), Statistics or Calculus are required.</b>
Performing Arts	<b>You need at least one subject from Dance, Drama or Music for the audition.</b> English is highly recommended.
Pharmacy	<b>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.</b> Health and Statistics are useful.  <b>Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, and English rich, Statistics or Calculus are required.</b>  <b>Uni of Otago - Biology, Chemistry, Physics, English (English rich subject), Statistics (Calculus) are required.</b>
Physiotherapy	<b>AUT – Biology is required.</b> Sports Science, English (English rich subject), Health and Mathematics are very useful.  <b>Uni of Otago – Physics is required.</b> Biology, Chemistry, Physics, English (English rich subject) and Statistics (Calculus) are recommended.
Plumbing	<b>Unitec - 10 credits in English and Mathematics at Level 1 are the minimum requirements for the pre-apprenticeship certificate</b> but Level 2 English and Mathematics are preferred. Trade Preparation/Technology - Multi, Electronics and Sports & Recreation 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	<b>Uni of Ak and AUT-</b> Relevant Science subjects, Statistics, Calculus, Mathematics, English (English rich subject), Digital Technology or Computer Science are highly recommended.
Social Work	<b>Uni of Ak -</b> Languages, Classical Studies, Economics, English, Geography, History, Biology, Chemistry, Physics, Technology, Mathematics and Te Reo Māori are recommended. A good standard of oral and written English is important.
Sport and Recreation	<b>AUT –</b> 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	<b>Uni of Ak –</b> Biology is recommended. Chemistry, Physics, Statistics and Sports Science are useful.  <b>AUT –</b> 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	<p><b>English and Mathematics at Level 2 are required.</b> 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.</p> <p><b>AUT</b> – Classical Studies, Drama, Economics, English, Geography, Health Education, History, Media Studies, Physical Education, and Te Reo Māori are useful.</p>
Veterinary Nursing	<p><b>Unitec – 12 credits in English at Level 2 and 12 credits in Mathematics and Science at Level 1 are required</b> for the certificate. Biology, Digital Technology and Business Practice are useful.</p> <p><b>Unitec – Two science subjects</b> at Level 3 <b>are required</b> and English, Statistics or Calculus at Level 3 are highly recommended for degree entry.</p>
Veterinary Science	<p><b>Massey Uni – Biology and Chemistry are required.</b> Physics and Calculus or Statistics are recommended. English is useful.</p>

### 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.

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# Vocational Pathways

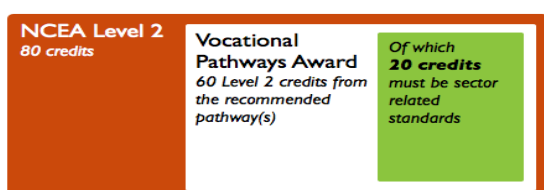
## What are the Vocational Pathways?

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?



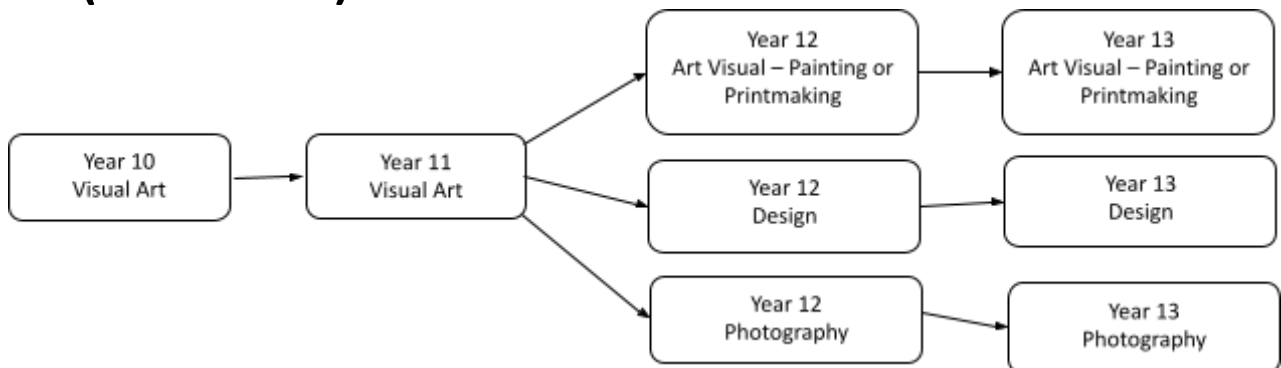
The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.

## Subject Selection Help

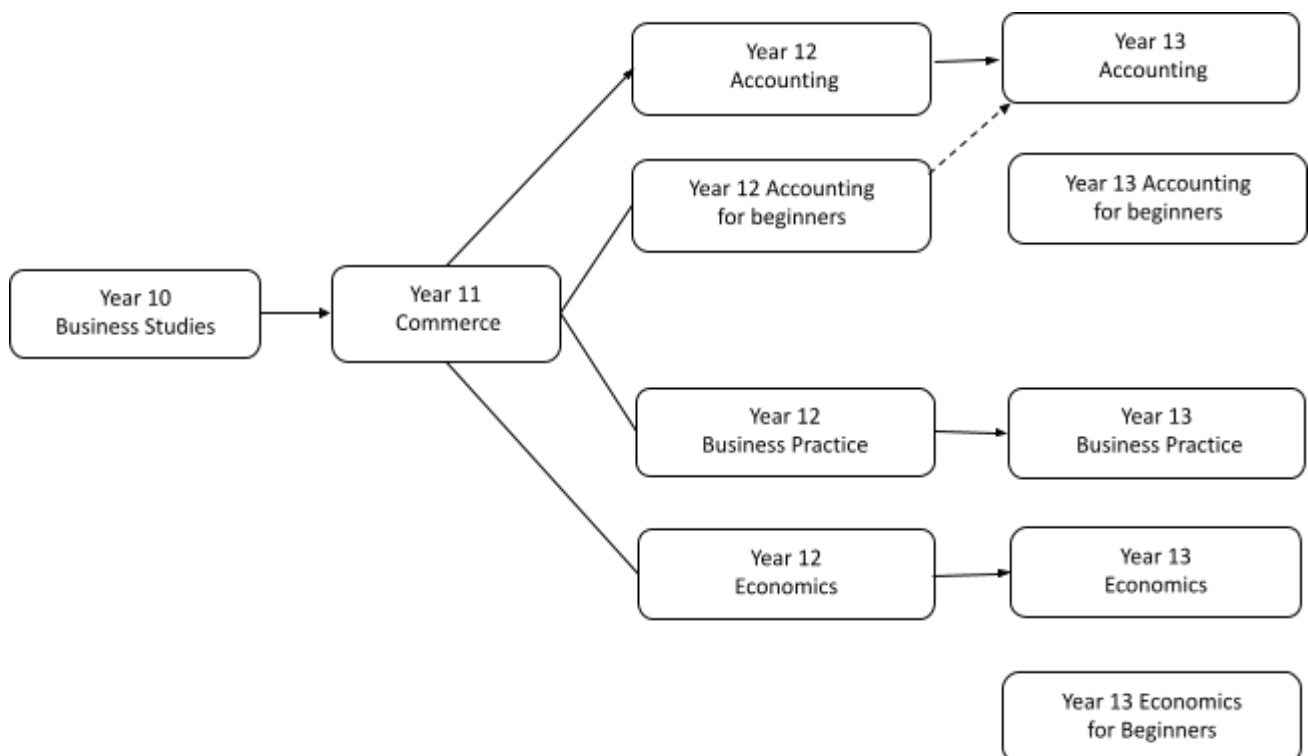
Resource	Information	
<b>Subject Teachers, HODs &amp; Mentors</b>	<ul style="list-style-type: none"> <li>What the subject is about and some of the jobs it can lead to.</li> <li>Pathways advice</li> </ul>	
<b>Academic Deans</b>	<ul style="list-style-type: none"> <li>Academic Deans can assist students with subject selection.</li> <li>Book an appointment to see one of the Academic Deans (Mrs Burns, Mr Hays, Mr Kumar, Ms Keall, Mrs Good)</li> </ul>	
<b>MRGS Career Department</b>	<ul style="list-style-type: none"> <li>The Career Department has a large range of resources to help with subject selection. See Miss Wilson in the Hub <b>OR</b></li> <li>Book an appointment today to see the Career Advisor using this website: <a href="https://mrgs.careerwise.school/page/40">https://mrgs.careerwise.school/page/40</a></li> </ul>	
<b>MRGS Website</b> <a href="http://www.mrgs.school.nz">www.mrgs.school.nz</a>	<ul style="list-style-type: none"> <li>How to choose school subjects - To access click on ‘Academic’ on the home page – Career Essentials – How to choose school subjects.</li> <li>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.</li> </ul>	
<b>Careers NZ</b> <a href="http://www.careers.govt.nz">www.careers.govt.nz</a>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	 <a href="http://goo.gl/likN0c">http://goo.gl/likN0c</a>
<b>Youth Guarantee</b> <a href="http://www.youthguarantee.net.nz">www.youthguarantee.net.nz</a>	<ul style="list-style-type: none"> <li>Find out more about the new Vocational Pathways and what subjects businesses want you to take.</li> <li>Use the Profile Builder to enter your standards and build your Vocational Profile.</li> <li>Learn about educational opportunities and how to achieve higher level qualifications</li> </ul>	 <a href="http://goo.gl/ZZvPI0">http://goo.gl/ZZvPI0</a>
<b>Occupation Outlook</b> 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)

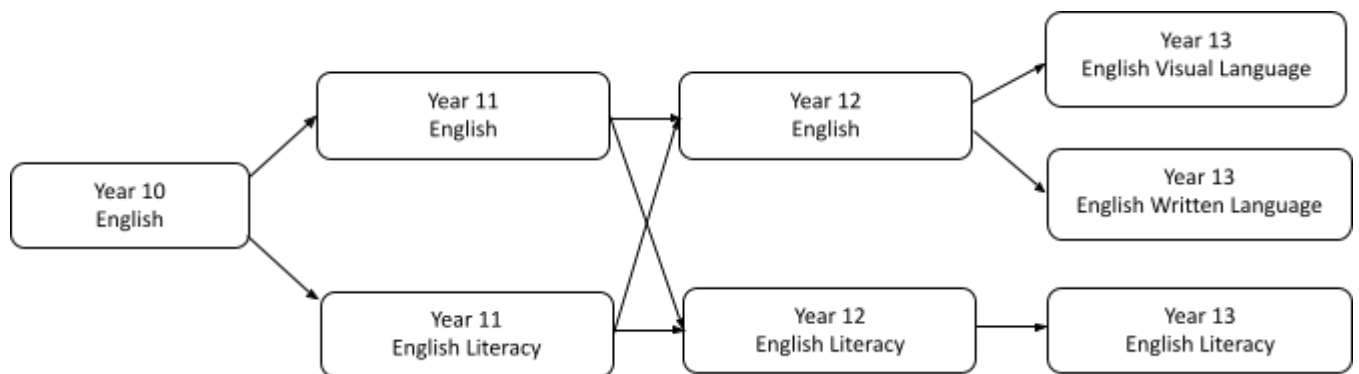


## Business and Commerce

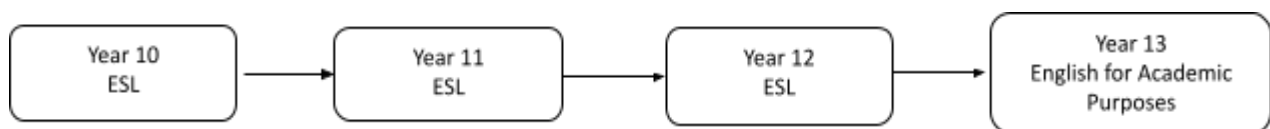


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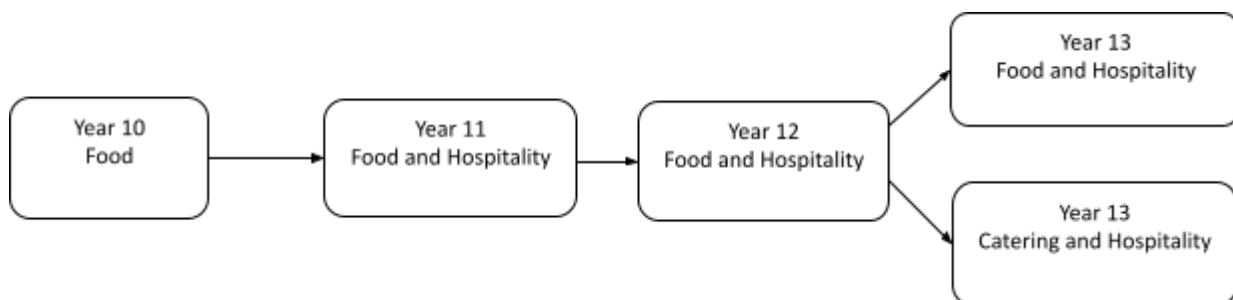
## English (Compulsory Years 9 – 12)



## English as a Second Language (ESL)



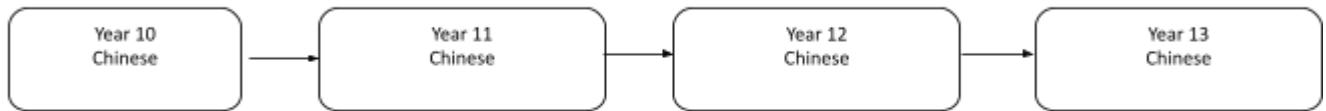
## Food and Hospitality



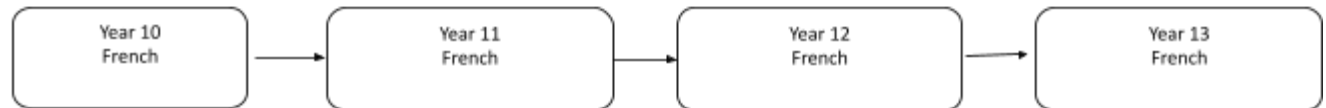
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# Languages

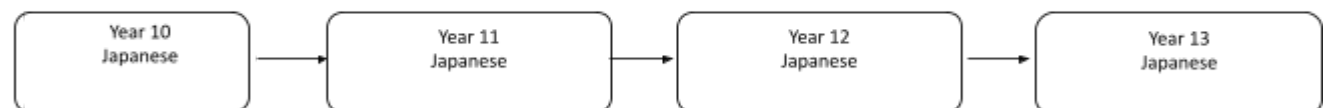
## Chinese



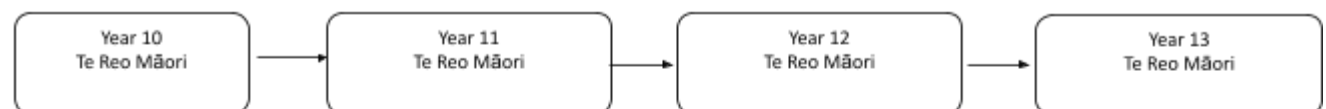
## French



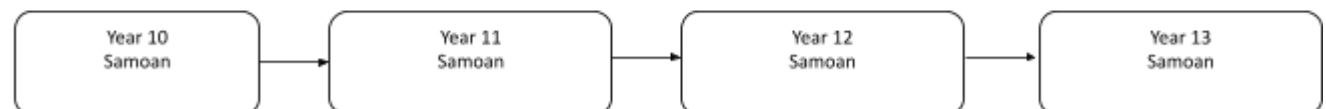
## Japanese



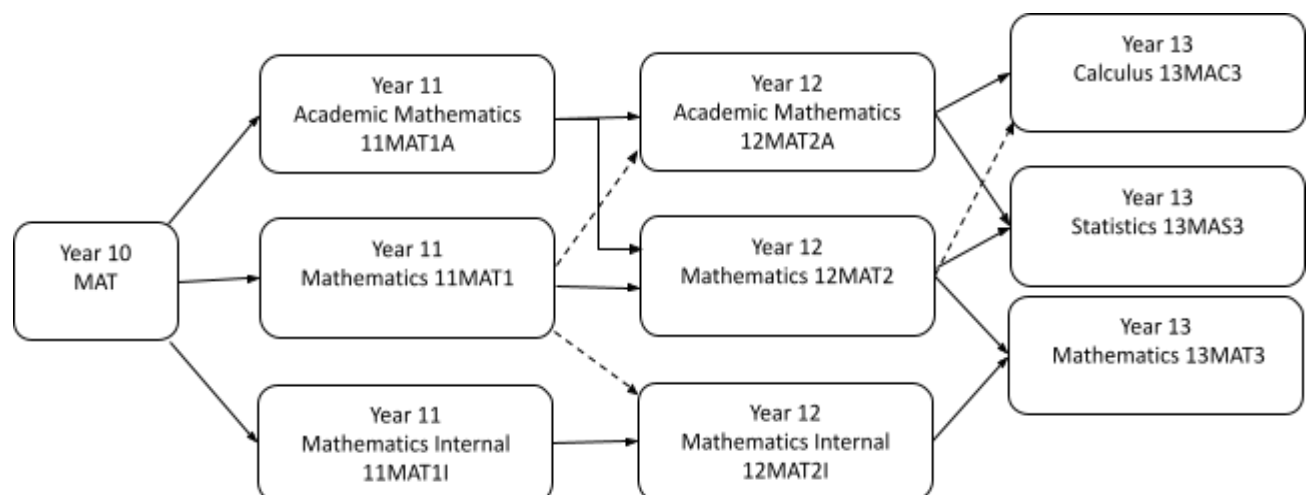
## Te Reo Māori



## Samoan



# Mathematics (Compulsory Years 9 – 11)

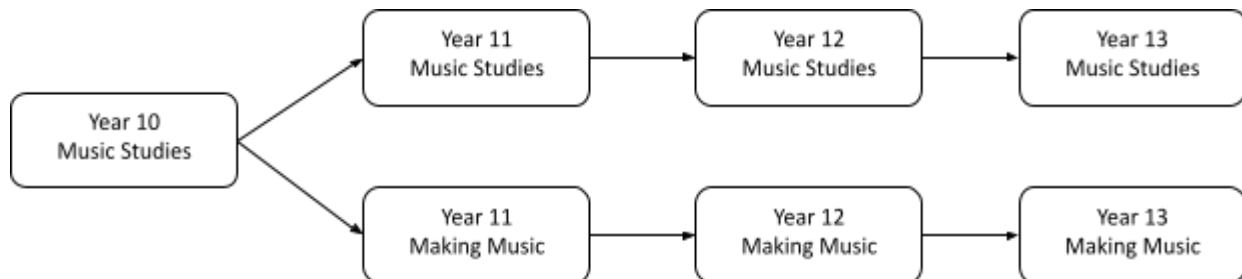


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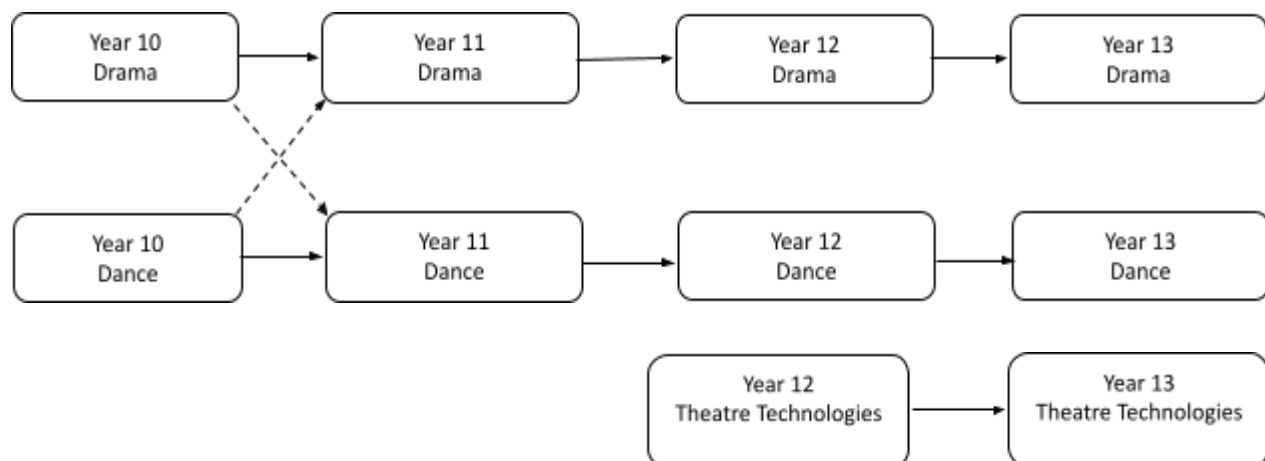
## Media Studies



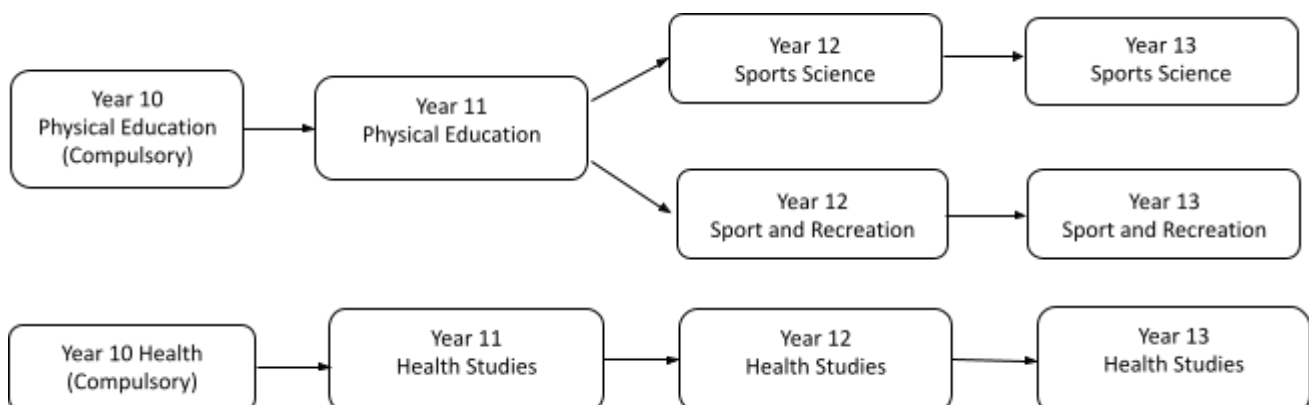
## Music



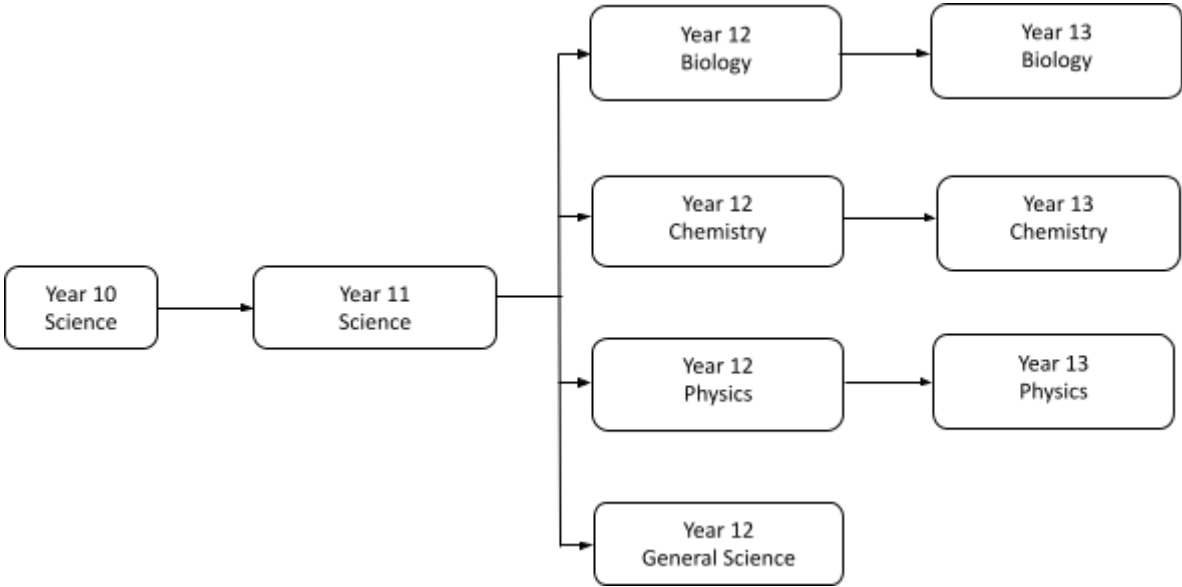
## Performing Arts



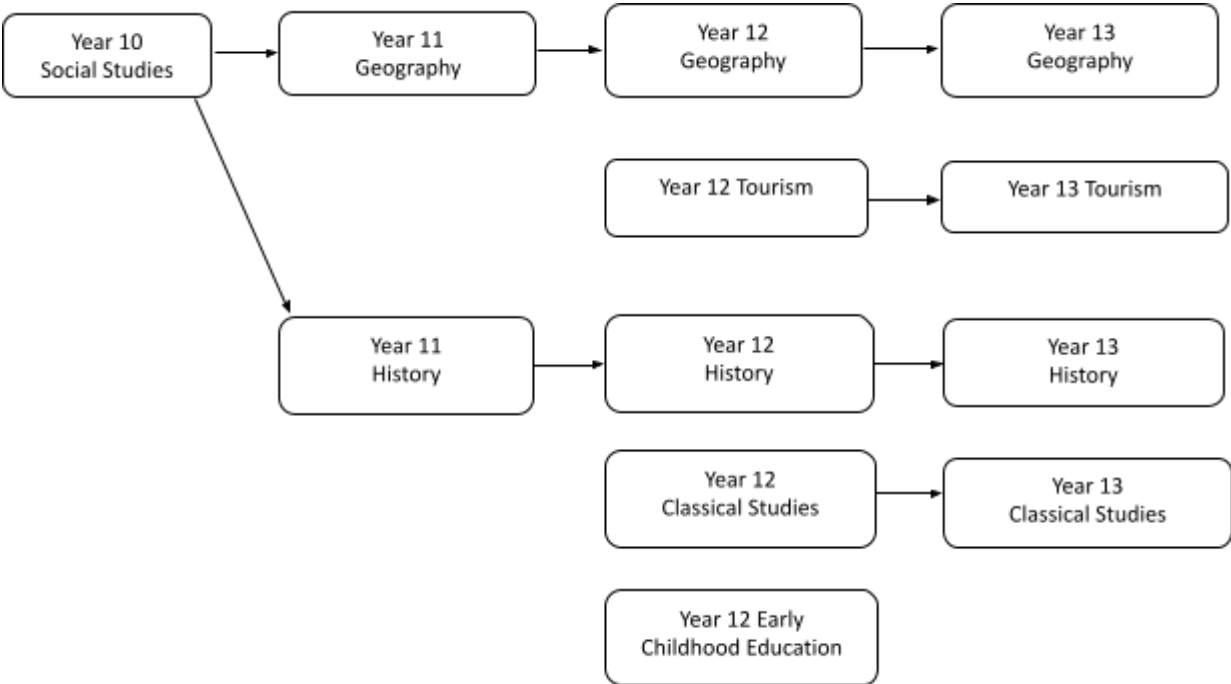
## Physical Education (Compulsory Years 9 – 10)



# Science (Compulsory Years 9 – 10)

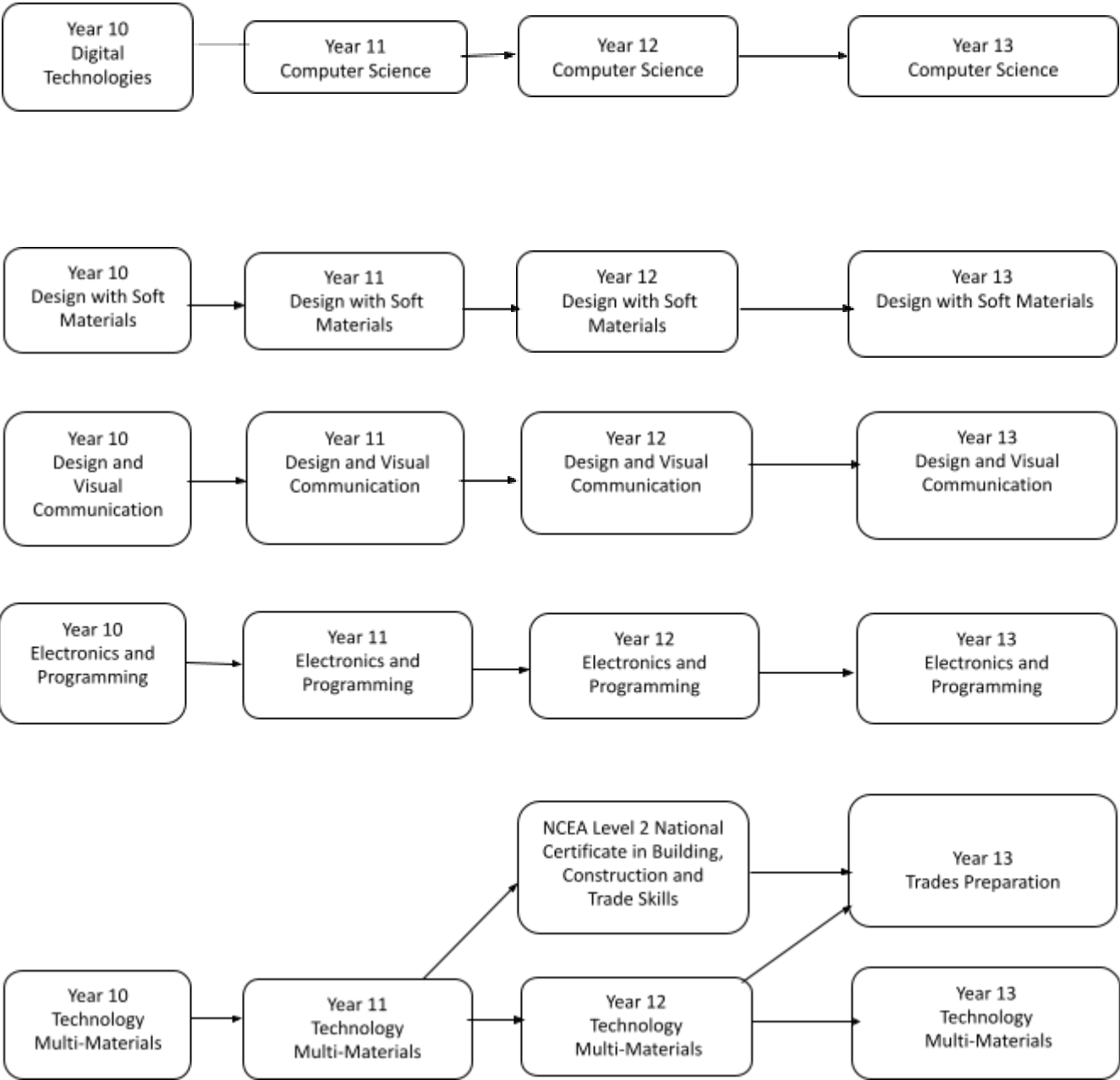


# Social Sciences (Compulsory Years 9 – 10)



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# Technology



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# Course Description and Information

## Art (Visual Arts)

<b>12ARV2</b>	<b>12 Art Visual - Painting or Printmaking</b>
	<b>Arts Department</b>

<b>Up to 28 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	Students with solid painting and drawing ability who want to extend their knowledge and skills in the visual arts and enjoy expressing their own ideas.
--------------------------------	---

<b>Entry Requirements</b>	Students have completed 11ART1 or HOD Discretion
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<b>BYOD Recommendations</b>	Laptop or tablet
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91306 or 91308 (Optional)	2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to painting or printmaking	4	INT	I will research various approaches to painting or printmaking as the basis for my own work.	✓	□	□	□
AS 91311 or 91313	2.2 Use drawing methods to apply knowledge of conventions appropriate to painting or printmaking	4	INT	I will do a series of drawings on real life objects and situations. By studying relevant artists, I will show knowledge of relevant art practice in this work.	□	□	□	□
AS 91316 or 91318	2.3 Develop ideas in a related series of drawings appropriate to established painting or printmaking practice	4	INT	I will plan and carry out a series of work that expresses visual ideas. I demonstrate improvement throughout this series of drawings and paintings or printmaking.	□	□	□	□
AS 91325	2.5 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	4	INT	I will design and make a resolved work, using a high level of technical skill to enhance the effectiveness of the work.  I will be assessed exclusively on the final product.	□	□	□	□
AS 91321 or 91323	2.4 Produce a systematic body of work that shows understanding of Art making conventions and ideas within painting or printmaking	12	EXT	I will reconsider my subject matter and select suitable methods and processes to develop a body of work to be presented on a folio for external assessment.	□	□	□	□
<b>Total Credits</b>		Up to 28						
<b>Creative Industries</b>		Up to 28						
<b>Service Industries</b>		Up to 8						

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<b>12DES2</b>	<b>12 Design</b>
	<b>Arts Department</b>

<b>Up to 28 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	Students with an interest in completing design briefs using their imagination and creative thinking to create successful design solutions. The majority of design work is completed using Adobe Photoshop and Illustrator.
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<b>Entry Requirements</b>	Students have completed 11ART1 or HOD Discretion
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<b>BYOD Recommendations</b>	Laptop - support Adobe Photoshop and Illustrator
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91305 (Optional)	2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to Design	4	INT	I will research various approaches to Design as the basis for my own work.	✓	☐	☐	☐
AS 91310	2.2 Use drawing methods to apply knowledge of conventions appropriate to design	4	INT	I will use hand drawn and digital technology to create concept drawings, developments and a final solution for a selected design brief.	☐	☐	☐	☐
AS 91315	2.3 Develop ideas in a related series of drawings appropriate to established design practice	4	INT	I will develop ideas by building on, interpreting and responding to a design brief in drawings (hand drawn and digitally generated) informed by design practice.	☐	☐	☐	☐
AS 91325	2.5 Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context.	4	INT	I will design and make a resolved work, using a high level of technical skill to enhance the effectiveness of the work. I will be assessed exclusively on the final product.	☐	☐	☐	☐
AS 91320	2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design	12	EXT	I will present a 2 panel, A1 Portfolio at the beginning of Term 4. I will select related works to form a series of design briefs to show generation, development and extension of my ideas.	☐	☐	☐	☐
<b>Total Credits</b>		Up to 28						
<b>Creative Industries</b>		Up to 28						
<b>Service Industries</b>		Up to 8						

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**12PHT2****12 Photography**

Arts Department

**Up to 28 Credits at Level 2****Eligible for Course Endorsement****Who is this course for?**

Students with interests in Photography as an Art medium who like expressing their own ideas and exploring photographic mediums and digital platforms.

**Entry Requirements**

Students have completed 11ART1 or HOD Discretion

**BYOD Recommendations**

Laptop - support Adobe Photoshop and Illustrator

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91307 (Optional)	2.1 Demonstrate an understanding of methods and ideas from established practice appropriate to photography	4	INT	I will research various approaches to Self Portrait photography as the basis for my own work in AS 2.3.	✓	☐	☐	☐
AS 91312	2.2 Use drawing methods to apply knowledge of conventions appropriate to photography	4	INT	I will investigate conventions of architectural photography and apply to my own work using film and darkroom technology.	☐	☐	☐	☐
AS 91317	2.3 Develop ideas in a related series of drawings appropriate to established photography practice	4	INT	I will apply Self Portrait research for AS 2.1 to my own work. I create a series of Self Portrait images using digital photography and procedures.	☐	☐	☐	☐
AS 91325	2.5 Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context.	4	INT	I will design and make a resolved work, using a high level of technical skill to enhance the effectiveness of the work. I will be assessed exclusively on the final product.	☐	☐	☐	☐
AS 91322	2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	12	EXT	I will produce an External Folio which can be an extension of AS 2.3 or a new topic in consultation with the Photography teacher. The Folio is made of two A1 panels.	☐	☐	☐	☐
<b>Total Credits</b>		Up to 28						
<b>Creative Industries</b>		Up to 28						
<b>Service Industries</b>		Up to 8						

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# Business and Commerce

<b>v12ACC2B</b>	<b>12 Accounting for Beginners</b>
	Commerce Department

<b>16 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	This introductory Accounting course will provide Year 12 students who have not studied Level One Accounting with a range of skills to understand basic Accounting information. The successful completion of this course will allow students direct entry into Level Three Accounting the following year.
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<b>Entry Requirements</b>	None
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<b>BYOD Recommendations</b>	Nil
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91175	2.2 Demonstrate understanding of accounting processing using accounting software.	4	INT	I will learn how to use the computer software package (MoneyWorks) to process transactions for a small business.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91176	2.3 Prepare financial information for an entity that operates accounting subsystems.	5	EXT	I will learn how to prepare and present accounting information for a small business including the correct treatment of GST.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91177	2.4 Interpret accounting information for an entity that operates accounting subsystems	4	EXT	I will learn how to analyse accounting information for a small business and provide advice for decision making.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91386	2.7 Demonstrate understanding of an inventory subsystem for an entity	3	INT	I will learn how to account for and protect the assets of inventory for a small business.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		Up to 17						
<b>Service Industries</b>		12						
<b>Creative Industries</b>		Up to 17						
<b>Primary Industries</b>		Up to 3						

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Up to 19 Credits at Level 2

Eligible for Course Endorsement

## Who is this course for?

This course provides students with an opportunity to build on the skills developed in Year 11 Accounting and will introduce new skills such as Accounting for GST and computer processing using accounting software.

## Entry Requirements

10 Level 1 Accounting credits including AS90976 or AS 90978.

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91174	2.1 Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems	4	EXT	I will learn more principles which form the basis of Accounting so that I can record, present and analyse accounting information accurately.	✓	☐	☐	☐
AS 91175	2.2 Demonstrate understanding of accounting processing using accounting software.	4	INT	I will learn how to use the computer software package (MoneyWorks) to process transactions for a small business.	☐	✓	☐	☐
AS 91176	2.3 Prepare financial information for an entity that operates accounting subsystems.	5	EXT	I will learn how to prepare and present accounting information for a small business including the correct treatment of GST.	☐	✓	☐	☐
AS 91179 (Optional)	2.6 Demonstrate understanding of an accounts receivable subsystem for an entity	3	INT	I will learn how to account for and protect the asset of accounts receivable for a small business	✓	✓	☐	☐
AS 91386	2.7 Demonstrate understanding of an inventory subsystem for an entity	3	INT	I will learn how to account for and protect the assets of inventory for a small business.	✓	✓	☐	☐
Total Credits		Up to 19						
Service Industries		11						
Creative Industries		4						

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## Who is this course for?

This course teaches students the fundamental skills of business practice which include processing cash transactions and office administration procedures that are useful for students seeking employment opportunities in an office environment.

## Entry Requirements

Level 1 Literacy

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 107	Apply text processing skills to produce communications in a business or organisation context	5	INT	I will learn to make a business document look more professional by using Microsoft Word features such as the tab and paragraph selections.	☐	☐	☐	☐
US 111	Use a word processor to produce documents for a business or organisation	5	INT	I will learn to produce professional documents such as formal letters, financial statements and advertisements.	☐	☐	☐	☐
US 121	Demonstrate and apply knowledge of Office Equipment and Administration processes	5	INT	I will learn how to use office equipment in an acceptable business manner such as fax, telephone and photocopier machines. I will also learn how to file documents and to use good customer service techniques.	☐	☐	☐	☐
US 327	Document business financial transactions for an entity.	4	INT	I will learn how to correctly complete business documents like an invoice, credit note and purchase order.	☐	☐	☐	☐
Total Credits		19						
Social and Community Services		10						
Service Industries		14						
Creative Industries		9						

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## 18 Credits at Level 2

## Eligible for Course Endorsement

## Who is this course for?

Using economic models and graphs, this course requires students to study in-depth Government Policies around key economic issues of Growth, Trade, Inflation and Unemployment

## Entry Requirements

10 Level 1 English credits

## BYOD Recommendations

Laptop

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91224	2.3 Analyse economic growth using economic concepts and models	4	EXT	I will learn about the causes and impacts of growth and use models/graphs to explain how changes in growth impact on various groups.	✓	□	□	✓
AS 91225	2.4 Analyse unemployment using economic concepts and models	4	INT	I will learn about the causes and impacts of unemployment and use models/graphs to explain how changes in unemployment impact on various groups.	✓	□	□	□
AS 91227	2.6 Analyse how government policies and contemporary economic issues interact	6	INT	I will learn how government policies work to achieve the specific objective/issue and how they impact in other areas.	✓	□	✓	□
AS 91228	2.7 Analyse a contemporary economic issue of special interest using economic concepts and models	4	INT	I will learn about the causes and impacts of inequality and use models/graphs to explain how changes in inequality impact on various groups.	✓	□	✓	□
Total Credits		18						
Service Industries		4						
Creative Industries		18						

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# English

<b>12ENG2</b>	<b>12 English</b>
	English Department

<b>Up to 21 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	This course is for students who want to develop their analytical and communication skills, and deepen their appreciation of literature.
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<b>Entry Requirements</b>	14 credits or more in Level 1 English.
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<b>BYOD Recommendations</b>	Chromebook or better
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91098	2.1 Analyse specified aspect(s) of written text(s) supported by evidence	4	EXT	I will study one or more written texts and show understanding of HOW and WHY it was created in an essay.	✓	□	✓	✓
AS 91099	2.2 Analyse specified aspect(s) of visual or oral text(s) supported by evidence	4	EXT	I will study a visual or oral text and show understanding of HOW and WHY it was created in an essay.	✓	□	□	✓
AS 91101	2.4 Produce a selection of crafted and controlled writing	6	INT	I will plan, craft and draft a minimum of three different types of writing. I will redraft two of these to a publishable standard.	✓	□	□	✓
AS 91102 (Optional)	2.5 Construct and deliver a crafted and controlled oral text	3	INT	I will structure, support and present ideas in an oral presentation to the class for a minimum of four minutes.	✓	□	□	□
AS 91106	2.9 Form developed personal responses to independently read texts supported by evidence	4	INT	I will independently read at least six different texts, responding to each through a written recommendation or book review.	✓	□	✓	□
<b>Total Credits</b>		<b>Up to 21</b>						
Construction and Infrastructure		Up to 21						
Service Industries		Up to 21						
Primary Industries		Up to 21						
Social and Community Services		Up to 18						
Creative Industries		Up to 21						
Manufacturing and Technology		Up to 18						

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**12ENG2L****12 English Literacy**

English Department

**Up to 18 Credits at Level 2****Eligible for Course Endorsement****Who is this course for?**

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

**Entry Requirements**

Level 1 Literacy

**BYOD Recommendations**

Chromebook or better

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91098	2.1 Analyse specified aspect(s) of written text(s) supported by evidence	4	EXT	I will study one or more written texts and show understanding of HOW and WHY it was created in an essay.	✓	☐	✓	✓
AS 91102	2.5 Construct and deliver a crafted and controlled oral text	3	INT	I will structure, support and present ideas in an oral presentation to the class for a minimum of four minutes.	✓	☐	☐	☐
AS 91104	2.7 Analyse significant connections across texts supported by evidence	4	INT	I will study four texts (one independently) that are connected and be able to explain HOW and WHY these connections exist in relation to the wider world.	✓	☐	☐	☐
AS 91106 (optional)	2.9 Form developed personal responses to independently read texts supported by evidence	4	INT	I will independently read at least six different texts, responding to each through a written recommendation or book review.	✓	☐	✓	☐
US 2989	Select, read, and assess texts to gain knowledge	3	INT	I will research a topic by reading at least three different texts on the subject and be able to judge these texts and their usefulness.	☐	☐	☐	☐
<b>Total Credits</b>		<b>Up to 18</b>						
<b>Construction and Infrastructure</b>		<b>Up to 15</b>						
<b>Service Industries</b>		<b>Up to 18</b>						
<b>Primary Industries</b>		<b>Up to 18</b>						
<b>Social and Community Services</b>		<b>Up to 18</b>						
<b>Creative Industries</b>		<b>Up to 18</b>						
<b>Manufacturing and Technology</b>		<b>Up to 11</b>						

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# English as a Second Language (ESL)

12ESL	12ESL
	ESL Department

Up to 25 at Level 2 or 3	Not Eligible for Course Endorsement
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Who is this course for?	This course provides students with a range of skills and English functions at B1 to B2 of the Common European Framework of Reference (CEFR). It also contributes to the New Zealand Certificate in English Language. The successful completion of this course will allow students the opportunity to enter English for Academic Purpose standards and prepare for the University Entrance Level.
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Entry Requirements	None
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BYOD Recommendations	An internet and word processing capable device, such as a Chromebook or better
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
L2 US 31002	Read and understand a straightforward text for a routine practical purpose	5	INT	I will learn how to read straightforward texts used for a practical purpose.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L2 US 27999	Write a simple connected text on a familiar topic (EL)	5	INT	I will learn how to write simple connected essays	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L2 US 30988 or L3 US 30990	Demonstrate understanding of a straightforward spoken interaction on a familiar topic	5	INT	I will learn how to demonstrate understanding of a straightforward spoken interaction on a familiar topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Demonstrate understanding of a spoken interaction on a familiar topic		INT	I will learn how to demonstrate understanding of a spoken interaction on a familiar topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L2 US 30980 or L3 US 30982	Demonstrate understanding of a straightforward spoken text on a familiar topic	5	INT	I will learn how to demonstrate understanding of a straightforward spoken text on a familiar topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Demonstrate understanding of a spoken text on a familiar topic		INT	I will learn how to demonstrate understanding of a spoken text on a familiar topic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
L2 US 31002 or L3 US 31004	Read and understand a straightforward text for a routine practical purpose	5	INT	I will learn how to read and understand a straightforward text for a routine practical purpose.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Read and understand a text for a practical purpose		INT	I will learn how to read and understand a text for a practical purpose.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		25						

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# Food and Hospitality

<b>12FHS2</b>	<b>12 Food and Hospitality</b>
	<b>Food and Hospitality Department</b>

<b>22 Credits at Level 2</b>	<b>Not Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	Students who want to develop skills and techniques to produce and present a variety of dishes as well as learning about café style coffee.
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<b>Entry Requirements</b>	None
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<b>BYOD Recommendations</b>	Nil
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 167	Practise food safety methods in a food business under supervision	4	INT	After I have learnt about food safety I will demonstrate what I have learnt both in the kitchen as well as in a written assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13276	Cook food items by grilling	2	INT	I will prepare, grill and present meat and/or fish, and vegetables.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13283	Prepare and present salads for service	2	INT	I will prepare, assemble and present a range of salads using fruit, vegetables and rice or pasta.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13285	Handle and maintain knives in a commercial kitchen	2	INT	I will demonstrate how to use and maintain knives.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13271	Cook food items by frying	2	INT	I will prepare and cook meat and/or fish and vegetables by both pan-frying and deep-frying.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13278	Cook food by items roasting	2	INT	I will prepare, roast and present both meat and vegetables dishes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13280	Prepare fruit and vegetables cuts	2	INT	I will demonstrate a variety of fruit and vegetable cuts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 13281	Prepare and present sandwiches for service	2	INT	I will prepare, assemble and present a range of hot and cold sandwiches.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 17285	Demonstrate knowledge of espresso coffee equipment and prepare espresso beverages under supervision	4	INT	I will learn about then be assessed on, my knowledge of the espresso machine, coffee grinder and espresso recipes. I will also prepare a range of espresso beverages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		22						
Service Industries		22						

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# Languages

<b>12CHN2</b>	<b>12 Chinese</b>
	Languages Department

<b>24 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	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 very confident and independent in the Chinese language and culture
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<b>Entry Requirements</b>	14 credits at NCEA Level 1 Chinese	<b>Course Costs</b>	Optional activities/trips
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<b>BYOD Recommendations</b>	Nil
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 2		UE Literacy	
					lit	num	R	W
AS 91108	2.1 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91110	2.2 Give a spoken presentation in Chinese that communicates information, ideas and opinions.	4	INT	I will prepare a short speech in Chinese to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91109	2.3 Interact using spoken Chinese to share information and justify ideas and opinions.	5	INT	Over the year, I will record at least two conversations in Chinese I have had with a classmate about different topics. I will need to share information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91111	2.4 Demonstrate understanding of a variety of written and/or visual Chinese texts.	5	EXT	I will read and understand passages of Chinese and then answer questions in English about these passages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91112	2.5 Write a variety of text types in Chinese to convey information, ideas and opinions.	5	INT	Over the year, I will write at least two passages of Chinese about different topics conveying information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>24</b>						
<b>Service Industries</b>		<b>20</b>						
<b>Social and Community Services</b>		<b>10</b>						
<b>Creative Industries</b>		<b>15</b>						
<b>Primary Industries</b>		<b>9</b>						

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**12FRE2****12 French**

Languages Department

**24 Credits at Level 2****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 very confident and independent in the French language and culture.

**Entry Requirements**

14 credits at NCEA Level 1 French

**Course Costs**

Optional activities/trips

**BYOD Recommendations**

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 2		UE Literacy	
					lit	num	R	W
AS 91118	2.1 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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91120	2.2 Give a spoken presentation in French that communicates information, ideas and opinions.	4	INT	I will prepare a short speech in French to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91119	2.3 Interact using spoken French to share information and justify 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. I will need to share information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91121	2.4 Demonstrate understanding of a variety of written and/or visual French texts.	5	EXT	I will read and understand passages of French and then answer questions in English about these passages.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91122	2.5 Write a variety of text types in French to convey information, ideas and opinions.	5	INT	Over the year, I will write at least two passages of French about different topics conveying information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>24</b>						
<b>Service Industries</b>		<b>20</b>						
<b>Social and Community Service</b>		<b>5</b>						
<b>Creative Industries</b>		<b>15</b>						

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# 12JPN2

# 12 Japanese

Languages Department

24 Credits at Level 2

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 very confident and independent in the Japanese language and culture.

## Entry Requirements

14 credits at NCEA Level 1 Japanese

## Course Costs

Optional activities/trips

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 2		UE Literacy	
					lit	num	R	W
AS 91133	2.1 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 91135	2.2 Give a spoken presentation in Japanese that communicates information, ideas and opinions.	4	INT	I will prepare a short speech in Japanese to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91134	2.3 Interact using spoken Japanese to share information and justify ideas and opinions.	5	INT	Over the year, I will record at least two conversations in Japanese I have with a classmate about different topics. I need to share information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91136	2.4 Demonstrate understanding of a variety of written and/or visual 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 91137	2.5 Write a variety of text types in Japanese to convey information, ideas and opinions.	5	INT	Over the year, I will write at least two passages of Japanese about different topics conveying information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		24						
Service Industries		20						
Social and Community Services		5						
Creative Industries		15						

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## 28 Credits at Level 2

## Eligible for Course Endorsement

## Who is this course for?

Students who demonstrate passion for the Māori Language and want to build on the strong foundation they already have. Students who want to extend their knowledge as part of their education and skills for both personal enjoyment and future employment opportunities. Manaakitanga *hospitality/caring for others* and Whanaungatanaga, *building and strengthening relationships* are intertwined throughout this course 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

14 credits at NCEA Level 1 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 91284	2.1 Whakarongo kia mōhio ki te reo o te ao torotoro	4	INT	I will listen to 2 passages, respond to a list of questions that follow to demonstrate my understanding of spoken Te Reo	✓	□	□	□
AS 91285	2.2 Kōrero kia whakamahi i te reo o te ao torotoro	6	INT	Over the year, I will prepare two short speeches on chosen topics in Te Reo Māori to demonstrate my understanding of the spoken language.	✓	□	□	□
AS 91286	2.3 Pānui kia mōhio ki te reo o te ao torotoro	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 91287	2.4 Tuhi i te reo o te ao torotoro	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 200 words in Te Reo Māori.	✓	□	□	✓
AS 91288	2.5 Waihanga tuhinga i te reo o te ao torotoro	6	INT	Over the year I will plan, write and then craft my best two original pieces of at least 200 words.	✓	□	□	✓
Total Credits		28						
Service Industries		28						
Social and Community Services		28						
Creative Industries		28						
Primary Industries		28						

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## 24 Credits at Level 2

## 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'asāmoa* 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. Students will become very confident and independent in the Samoan language and culture.

## Entry Requirements

14 credits at NCEA Level 1 Samoan

## Course Costs

Optional activities/trips

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 2		UE Literacy	
					lit	num	R	W
AS 91143	2.1 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 91145	2.2 Give a spoken presentation in Samoan	4	INT	I will prepare a short speech in Samoan to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91144	2.3 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. I will need to share information, ideas and opinions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91146	2.4 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 91147	2.5 Write a variety of text types in Samoan	5	INT	Over the year, I will write at least two passages of Samoan about different topics conveying information, ideas and opinions.	<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						

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# Mathematics

<b>12MAT2A</b>	<b>12 Mathematics Academic</b>
	<b>Mathematics Department</b>

<b>21 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	Level 2 Academic Mathematics for students consistently operating at or above NZ Curriculum Level 6 Mathematics. Higher level algebraic and graphical techniques are introduced and developed into deeper understandings of Statistical and Mathematical Concepts.
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<b>Entry Requirements</b>	More than 10 credits gained at Level 1 Mathematics AND Merit or better in AS 91027 Algebra AND Achieved or better in either AS 91028 Tables/Equations and Graphs or AS 91029 Linear Algebra
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<b>BYOD Recommendations</b>	Laptop or Chromebook. Graphics Calculator.
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91257	2.2 Apply graphical methods in solving problems	4	INT	I will use appropriate technology to investigate graphical models.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91261	2.6 Apply algebraic methods in solving problems	4	EXT	I will use a variety of algebraic methods to solve problems.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91262	2.7 Apply calculus methods in solving problems	5	EXT	I will use differentiation and integration techniques to solve problems.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91264	2.9 Use statistical methods to make an inference	4	INT	Using appropriate technology, I will use the statistical cycle to take a sample and make an inference about a population of interest.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91267	2.12 Apply probability methods in solving problems	4	EXT	I will use probability methods and the normal distribution to solve problems involving chance.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>21</b>						
<b>Construction and Infrastructure</b>		<b>13</b>						
<b>Manufacture and Technology</b>		<b>13</b>						
<b>Primary Industries</b>		<b>21</b>						
<b>Service Industries</b>		<b>12</b>						
<b>Social and Community Services</b>		<b>8</b>						
<b>Creative Industries</b>		<b>21</b>						

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**12MAT2****12 Mathematics**

Mathematics Department

**19 Credits at Level 2****Eligible for Course Endorsement****Who is this course for?**

Level 2 Mathematics for students operating at NZ Curriculum Levels 5 and 6 Mathematics. Grounding will be provided in Algebra, Graphs, Statistics and Probability as well as the introduction of Calculus.

**Entry Requirements**

More than 10 credits gained at Level 1 Mathematics with at least 7 credits gained in Algebra (AS91027 Algebra, AS 91028 Tables/Equations and Graphs, AS91029 Linear Algebra)

**BYOD Recommendations**Laptop or Chromebook.  
Graphics Calculator.

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91257	2.2 Apply graphical methods in solving problems	4	INT	I will use appropriate technology to investigate graphical models.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91262	2.7 Apply calculus methods in solving problems	5	EXT	I will use differentiation and integration techniques to solve problems.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91264	2.9 Use statistical methods to make an inference	4	INT	Using appropriate technology, I will use the statistical cycle to take a sample and make an inference about a population of interest.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91267	2.12 Apply probability methods in solving problems	4	EXT	I will use probability methods and the normal distribution to solve problems involving chance.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91269	2.14 Apply systems of equations in solving problems	2	INT	I will use linear and non-linear systems of equations to solve problems in a single period examination.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>19</b>						
<b>Construction and Infrastructure</b>		15						
<b>Manufacture and Technology</b>		15						
<b>Primary Industries</b>		17						
<b>Service Industries</b>		8						
<b>Social and Community Services</b>		4						
<b>Creative Industries</b>		19						

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# 12MAT2I

## 12 Mathematics Internal

Mathematics Department

19 Credits at Level 2

Not Eligible for Course Endorsement

Who is this course for?

This course is for students who have had difficulty achieving at Level 1 Mathematics but wish to continue with Mathematics. This course provides the opportunity to gain the most accessible Level 2 Credits.

Entry Requirements

More than 10 credits at Level 1 with at least one AS.

BYOD Recommendations

Laptop or Chromebook.  
Graphics Calculator

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91256	2.1 Apply coordinate geometry methods in solving problems	2	INT	I will use coordinate geometry techniques to solve problems in a one period examination.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91257	2.2 Apply graphical methods in solving problems	4	INT	I will use appropriate technology to investigate graphical models.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91259	2.4 Apply trigonometric relationships in solving problems	3	INT	I will use trigonometry relationships in practical problems.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91260	2.5 Apply networks in solving problems	2	INT	I will use networks to find optimal model solutions in practical situations.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91264	2.9 Use statistical methods to make an inference	4	INT	Using appropriate technology, I will use the statistical cycle to take a sample and make an inference about a population of interest.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91268	2.13 Investigate a situation involving elements of chance using a simulation	2	INT	I will design, perform, and report on a simulation to investigate elements of chance using the statistical inquiry cycle.	✓	✓	<input type="checkbox"/>	<input type="checkbox"/>
AS 91269	2.14 Apply systems of equations in solving problems	2	INT	I will use linear and non-linear systems of equations to solve problems in a single period examination.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		19						
Construction and Infrastructure		11						
Manufacture and Technology		11						
Primary Industries		12						
Service Industries		12						
Social and Community Services		8						
Creative Industries		11						

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# Media Studies

<b>12MED2</b>	<b>12 Media Studies</b>
	<b>Media Studies Department</b>

<b>Up to 21 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	<p>Media Studies is for students who are passionate about analysing, creating, and exploring the media and its products. In 12 Media you will study:</p> <ul style="list-style-type: none"> <li>• How and why a media genre changes over time and how this links to society.</li> <li>• How narrative features contribute to story and character development in a television series.</li> <li>• How to write a screenplay for a short film or a TV opening sequence.</li> <li>• How to use media technology to create a short film or opening sequence.</li> </ul> <p>In this subject you may submit work for internal assessment in a variety of forms according to your strengths. For example, a written report, a portfolio collected over time, an oral presentation, a web-based format or a video. Media Studies continues at year 13 and Scholarship. It can lead to a career or qualification in Communications, Journalism, Film and/or Television at university and other tertiary institutions.</p>
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<b>Entry Requirements</b>	A minimum of 12 credits in NCEA Level 1 Media Studies, English, or History or at the discretion of the HOD.
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<b>BYOD Recommendations</b>	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
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Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
				lit	num	R	W
AS 91249 (Optional) 2.2 Demonstrate understanding of narrative in media texts	4	INT	I will examine how narrative features are used in a TV series. I will present my findings in a written report, slideshow or vlog.	✓	□	□	□
AS 91251 2.4 Demonstrate understanding of an aspect of a media genre	4	EXT	I will watch films of a specific genre and write an essay to show my understanding of how and why the genre has changed over time.	✓	□	✓	✓
AS 91252 2.5 Produce a design and plan for a developed media product using a range of conventions	4	INT	I will work alone or collaboratively to plan a short film or TV opening sequence, which incorporates genre features and has an impact on its target audience.	✓	□	□	□
AS 91253 2.6 Complete a developed media product from a design and plan using a range of conventions	6	INT	I will work alone or collaboratively to film and edit a short film or TV opening sequence that demonstrates control of production technology and appeals to its target audience.	✓	□	□	□
AS 91255 (Optional) 2.8 Write developed media text for a specific target audience	3	INT	I will write a screenplay for a short film or TV opening sequence using a range of script writing conventions.	✓	□	□	✓
<b>Total Credits</b>		Up to 21					
<b>Service Industries</b>		Up to 3					
<b>Creative Industries</b>		Up to 21					

# Music

12MSS2	12 Music Studies
	Music Department

24-30 Credits at Level 2	Eligible for Course Endorsement
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Who is this course for?	Experienced performers who also wish to gain further theory knowledge so that they can compose, arrange, and/or analyse music.
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Entry Requirements	12 credits in 11MSS1. At least 4th year learning an instrument. Also by audition.
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BYOD Recommendations	A Laptop Computer or Chromebook
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91270	2.1 Perform two substantial pieces of music as a featured soloist	6	INT	I will practise daily at home, attend weekly lessons and perform two solo pieces to an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91274	2.2 Perform a substantial piece of music as a featured soloist on a second instrument	3	INT	I will practise daily at home, attend weekly lessons and perform one solo piece to an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91272	2.3 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	INT	I will rehearse in class time and perform in my group, in front of an audience	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91271	2.4 Compose two substantial pieces of music.	6	INT	I will learn how to create, record and use music notation to provide visual representation of my two compositions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91275	2.5 Demonstrate aural understanding through written representation	4	EXT	I will transcribe music notation through listening and describe elements and features of music in the external examination	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91276	2.6 Demonstrate knowledge of conventions in a range of music scores	4	EXT	I will read music written for different instruments and explain the meanings of the symbols and musical features.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91277	2.7 Demonstrate understanding of two substantial contrasting music works	6	EXT	I will study the musical features and socio-historical context of two music pieces and provide written analyses in the external examination	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91273	2.8 Devise an instrumentation for an ensemble.	4	INT	Starting with piano music, I will learn how to write it for 4 – 6 instruments, using notation software to produce a musical score for the players.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91278	2.9 Investigate an aspect of New Zealand music.	4	INT	I will plan and write a music article showing knowledge about the significance of the aspect to the NZ music scene.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		24-41						
Creative Industries		41						

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## Who is this course for?

Experienced performers who also wish to gain further practical knowledge in music technology involving the recording, mixing and sequencing of music while gaining skills in composition.

## Entry Requirements

12 credits in Year 11 achievement in performance and music technology, 4<sup>th</sup> year learning an instrument. Also by audition.

## BYOD Recommendations

A Laptop Computer or Chromebook

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91270	2.1 Perform two substantial pieces of music as a featured soloist	6	INT	I will practice daily at home, attend weekly lessons and perform two solo pieces.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91274	2.2 Perform a substantial piece of music as a featured soloist on a second instrument	3	INT	I will practise daily at home, attend weekly lessons and perform one solo piece.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91272	2.3 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	INT	I will rehearse with my group in class time to prepare some pieces and perform one in front of an audience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91271	2.4 Compose two substantial pieces of music.	6	INT	I will create, record and use music notation to visually represent two original compositions. I will provide a brief explaining the creative ideas behind the pieces.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91273	2.8 Devise an instrumentation for an ensemble.	4	INT	Starting with piano music, I will learn how to write it for 4 – 6 instruments, using notation software to produce a musical score for the players.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91278	2.9 Investigate an aspect of New Zealand music	4	INT	I will research by reading about and listening to NZ music and present the ideas in written form.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 32302	Apply knowledge of MIDI sequencing	3	INT	I will create a sequence while showing knowledge of editing, mixing, capturing and storing music digitally and using technical language to explain the features and functions used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 32303	Apply knowledge of a music notation application	3	INT	I will create a score while showing knowledge of editing and storing notation digitally and using technical language to explain the features and functions used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		20-33						
Creative Industries		33						

# Performing Arts

<b>12DAN2</b>	<b>12 Dance</b>
	<b>Performing Arts Department</b>

<b>20 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	This course builds on skills learnt in Level 1, with an emphasis on building understanding in choreography and performance. Students will learn a variety of dance styles and demonstrate an understanding of dance choreography. 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.
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<b>Entry Requirements</b>	12 credits in Level 1 Dance or 16 credits in Level 1 Drama, or by consultation with HOD.
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<b>BYOD Recommendations</b>	Nil
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91205	2.1 Choreograph a group dance to communicate an intention	4	INT	I will work with a group of three or more and learn how to use the dance elements and choreographic devices to shape a dance to communicate an intention.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91206	2.2 Choreograph a solo to communicate an intention	4	INT	I will develop and enhance the skills learnt in 2.1 and apply them to a solo. I will use the dance elements and choreographic devices to shape a dance solo to communicate an intention.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91207	2.3 Perform an ethnic or social dance to communicate understanding of the style	4	INT	I will learn the characteristics, steps, technique, and origins of an ethnic or social dance and apply these to perform a dance in that style.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91208	2.4 Perform a theatre dance to communicate understanding of the dance	4	INT	I will learn a theatre dance that is to be performed for public performance. This includes learning the dance steps and style as well as communicating the mood or theme of the dance. I will be dancing in a group and focus will also be on the transitions and formations required in the dance.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91211	2.8 Demonstrate understanding of a dance genre or style in context	4	EXT	I will learn about the origins, influences and characteristics of a dance genre or style. This may include the specific movements, clothing, sound, setting and purpose, physical or political influences.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		20						
<b>Creative Industries</b>		20						

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Up to 22 Credits at Level 2

Eligible for Course Endorsement

## Who is this course for?

This highly practical course builds on the knowledge and skills gained in Level 1 Drama, exploring use of acting techniques, drama conventions and elements. Students will devise drama and perform in a variety of roles throughout the year through continued collaboration and fun. This course builds interpersonal and communication skills through performative assessments and group based activities. 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

12 credits in Level 1 Drama, or 16 credits in Level 1 Dance, or by consultation with HOD.

## BYOD Recommendations

Chromebook or Laptop

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91213	2.1 Apply drama techniques in a scripted context	4	INT	I will work with a group of 2-4 on a scene or scenes from a play. I will apply the techniques of drama in order to communicate the character and his/her situation in the script.	✓	□	✓	□
AS 91214	2.2 Devise and perform a drama to realise an intention	5	INT	I will work with a group of 2-4 to create a drama based on a theme or stimulus. I will learn how to apply drama elements and conventions to develop and refine our ideas to realise an intention for the audience	✓	□	□	□
AS 91216	2.4 Use complex performance skills associated with a drama or theatre from or period	4	INT	I will learn the features, origins, characteristics and performance skills associated with a drama or theatre form or period (that we also study for the external). I will apply these features to a script, scene or scenario in a group performance.	✓	□	✓	□
AS 91218	2.6 Perform a substantial acting role in a scripted production	5	INT	I will perform in our class production as part of the Drama Showcase in Term 3. The performance will use each member of the class, working together to perform a script by a playwright.	✓	□	✓	□
AS 91219	2.7 Discuss drama elements, techniques, conventions and technologies within live performance	4	EXT	I will discuss a play we have gone to see this year - about why it was made, how it was impactful, effective or about how it made me feel and react. I will also discuss my performances on stage this year in this exam.	✓	□	✓	✓
Total Credits		Up to 22						
Creative Industries		Up to 22						



# 12THT2

## 12 Theatre Technologies

Performing Arts / Technology Departments

16+ Credits at Level 2

Not Eligible for Course Endorsement

### Who is this course for?

This is a course for students who are interested in the theatre or film industry and are interested in designing or constructing theatre technologies e.g. Lighting, Sound, Props, Set, Costume, Makeup and Hair. This course suits students who are creative thinkers, enjoy problem solving and have an interest in design, art or theatre. If students would like to work on further events (e.g. production or dance showcase), there are a further four Level 2 Theatre Technology credits available.

### Entry Requirements

None

### BYOD Recommendations

Chromebook or Laptop

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 27701	Demonstrate knowledge and skills of make-up design and application for a specified character	4	INT	I will learn how to design and apply four different makeup styles for events and performances. Basic stage makeup for our productions and showcases, special event makeup for students attending the ball, face painting for Year 1 students at the primary school and special effects horror makeup.	□	□	□	□
US 27702	Take responsibility for a production area of a performance	4	INT	I will be part of the crew for an interactive event which our Theatre Technology class will design and execute. The audience will move through our interactive exhibition seeing the work we have made during the year. In 2022 we had a Zombie Exhibition, 2023 it will be Harry Potter/Hogwarts themed.	□	□	□	□
US 27704	Design and construct item(s) to meet production needs for a performance context	4	INT	I will design and create an item that will be used in a Dance or Drama performance. This could be a costume, prop, set item etc. In 2022 students made a prop for our Zombie interactive exhibition, e.g. a weapon or body part. In 2023 students made a prop for our Level 3 Drama production 'Puffs'.	□	□	□	□
US 27699	Research and design a costume for a specified performance context	4	INT	I will design and construct a costume for a performance at school. I will learn all about how to design, draw and construct costumes and see my design come to life on stage. In 2022 we created costumes for our Zombie exhibition, in 2023 we made costumes for the Level 3 Drama production 'Puffs'.	□	□	□	□
Total Credits		16+						
Creative Industries		16+						

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# Physical Education and Health

12SPS2

12 Sports Science

Physical Education and Health Department

20 Credits at Level 2

Eligible for Course Endorsement

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, as it allows any student interested in developing their understanding of the factors which affect participation, skill learning and opportunities to develop leadership through physical activity.

Entry Requirements

14 credits in 11PED1 including 1.2 (AS 90963) or HOD discretion. PE uniform.

BYOD Recommendations

IPAD or Computer and ability to record video for analysis. Google classroom is used regularly 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 91328	2.2 Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.	5	INT	I will identify the main anatomical movement and muscles responsible for selected movement and apply suitable sport psychology skills when necessary.	✓	□	□	□
AS 91329	2.3 Demonstrate understanding of the application of biophysical principles to training for physical activity.	4	INT	I will demonstrate an understanding of various training principles in planning a personal exercise plan, effectively using principles of training to design and implement PEP.	✓	□	□	□
AS 91330	2.4 Perform a physical activity in an applied setting	4	INT	I will be given the opportunity to participate in a Softball unit and one other selected physical activity.	□	□	□	□
AS 91331	2.5 Examine the significance for self, others and society of a sporting event or physical activity	4	INT	I will look at a sporting event, i.e. the Olympics and its significance to self, others and society.	✓	□	□	□
AS 91333	2.7 Analyse the application of risk management strategies to a challenging outdoor activity.	3	INT	I will design RAMS/SAP prior to going on an outdoor activity, putting a safety management plan in place by demonstrating positive behaviour during the activity.	✓	□	□	□
Total Credits		20						
Service Industries		20						
Social and Community Service		12						
Creative Industries		20						
Primary Industries		3						

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## 20 Credits at Level 2

## Eligible for Course Endorsement

## Who is this course for?

Students who are interested in and enjoy participating in physical activity or working in the fitness and/or Coaching industry.

## Entry Requirements

8 credits in 11PED1 including 1.3 (AS 90964) or HOD discretion.

## 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 91330	Perform a physical activity in an applied setting	4	INT	I will be given the opportunity to participate in a Turbo Touch unit and one other student selected sport	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 9677	Communicate in a team or group which has an objective	3	INT	I will be given the opportunity to work collaboratively in a group to meet a specific goal by taking on different group roles.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 467	Demonstrate personal and social development through participation in adventure based learning	3	INT	I will be able to demonstrate personal and social development through participation in cooperative games and trust and problem solving activities. I will demonstrate safe practices during these games and activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 22770	Demonstrate knowledge of sports coaching, the coaching environment, and sports participants' needs	4	INT	I will learn about different coaching styles and practices and, along with the evidence gathered from sports coaches, create my own coaching philosophy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 9680	Communicate within a specified organisational context	3	INT	I will learn about personal training and how to work with others in order to help people reach different targets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 1307	Speak to a known audience in a predictable situation	3	INT	I will learn about verbal and non-verbal communication styles and work to develop a plan of action.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		20						
Service Industries		17						
Social and Community Service		13						
Creative Industries		14						
Primary Industries		3						

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## 20 Credits at Level 2

## Eligible for Course Endorsement

## Who is this course for?

Students who are interested in future academic and vocational opportunities in the PE and Health sector, with a specific interest in learning about resiliency, discrimination, gender identity and strategies to over-come these and similar health issues.

## Entry Requirements

8 Internal credits in 11HEA1 + 1 external Health AS, Level 1 Literacy or HOD discretion.

## 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 2		UE Literacy	
					lit	num	R	W
AS 91235	2.1 Analyse an adolescent health issue	5	EXT	I will complete an external investigation on a common health issue which affects many adolescents.	✓	□	□	□
AS 91236	2.2 Evaluate factors the influence people's ability to manage change	5	INT	I will watch and study a movie focusing on what influences mental health and what strategies can be used to promote resilience	✓	□	□	□
AS 91237	2.3 Take action to enhance an aspect of people's well-being within the school or wider community	5	INT	I will identify different ideas that can work to enhance wellbeing and initiate a strategy to deliver improvements.	✓	□	□	□
AS 91239	2.5 Analyse issues related to sexuality and gender to develop strategies for addressing the issues	5	INT	I will carry out an investigation and write a report which analyses issues relating to sexual identity and gender.	✓	□	□	□
Total Credits		20						
Service Industries		15						
Primary Industries		20						
Social and Community Service		20						

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# Science

<b>12BIO2</b>	<b>12 Biology</b>
	Science Department

<b>23 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	Students interested in living things and the interactions they have with each other and the natural world.
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<b>Entry Requirements</b>	A minimum of Achieved in Biology level 1 External Standard AS 90948 'Genetic variation and change'.	<b>Course Costs</b>	\$30.00 for optional EOTC trip
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<b>BYOD Recommendations</b>	Nil
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Standard (AS)	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
91153	2.1 Carry out a practical investigation in a biology context	4	INT	I will use the scientific method to investigate an aspect of biology.	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>
91155	2.3 Demonstrate understanding of adaption of plants or animals to their way of life.	3	INT	I will learn more about how humans are adapted to survive.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91156	2.4 Demonstrate understanding of life processes at the cellular level	4	EXT	I will learn about the key life processes happening in cells and how cells operate.	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓
91157	2.5 Demonstrate understanding of genetic variation and change	4	EXT	I will learn about genetics and the processes that are involved in evolution.	✓	<input type="checkbox"/>	<input type="checkbox"/>	✓
91158	2.6 Investigate an interrelationship or pattern in an ecological population or community	4	INT	I will make measurements out in the field and use the data to explain an ecological pattern.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
91159	2.7 Demonstrate understanding of gene expression	4	EXT	I will learn about DNA and RNA and how they control life.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>23</b>						
Primary Industries		23						
Social and Community Services		19						
Manufacture and Technology		4						
Services Industries		7						

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23 Credits at Level 2

Eligible for Course Endorsement

## Who is this course for?

Students who have developed an understanding of the fundamentals of chemistry at Level 1 and wish to progress in the science and art of chemistry.

## Entry Requirements

Minimum of Achieved (subject entry examination or external) for AS 90944 Acids and Bases.

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91161	2.1 Carry out quantitative analysis	4	INT	I will learn to measure concentrations using titrations and developing chemical calculation skills.	☐	✓	☐	☐
AS 91162	2.2 Carry out procedures to identify ions present in solution	3	INT	I will learn to identify ions in solutions by carrying out chemical tests and interpreting observations.	☐	☐	☐	☐
AS 91164	2.4 Demonstrate understanding of bonding, structure, properties and energy changes	5	EXT	I will develop an understanding of the nature of matter through practical and theoretical exploration of how different types of matter are structured and what energy changes occur during a chemical reaction.	✓	☐	☐	☐
AS 91165	2.5 Demonstrate understanding of the properties of selected organic compounds	4	EXT	I will explore the class of chemicals present in all living creatures, known as organic chemistry through both theory and “hands-on”.	✓	☐	☐	☐
AS 91166	2.6 Demonstrate understanding of chemical reactivity	4	EXT	I will study how rates of reaction vary, the nature of acids and bases, and equilibrium reactions through both lab and book work.	✓	☐	☐	☐
AS 91167	2.7 Demonstrate understanding of oxidation-reduction	3	INT	Through a mixture of theory and hands-on practical, I will develop an understanding of Redox reactions.	☐	☐	☐	☐
Total Credits		23						
Construction and Infrastructure		23						
Manufacture and Technology		23						
Service Industries		8						
Primary Industries		23						
Social and Community Services		23						
Creative Industries		23						

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## 23 Credits at Level 2

## Eligible for Course Endorsement

## Who is this course for?

Students who have developed an understanding and interest in physics at Level 1 and wish to extend their understanding. This course will support Science, Technology, Engineering and Medicine career pathways.

## Entry Requirements

A minimum of Achieved for (external examination) AS 90940. Demonstrate understanding of aspects of mechanics.

## BYOD Recommendations

Nil

Standard	Title	Credits	INT/EXT	What will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91168	2.1 Carry out a practical investigation that leads to a non-linear mathematical relationship	4	INT	I will design an experiment and gather data to discover how physical concepts are related.	✓	✓	□	□
AS 91170	2.3 Demonstrate understanding of waves	4	EXT	I will examine the interaction of waves in the contexts of light and sound.	✓	✓	□	□
AS 91171	2.4 Demonstrate understanding of mechanics	6	EXT	I will examine the concepts associated with forces and translational motion.	✓	✓	□	□
AS 91172	2.5 Demonstrate understanding of atomic and nuclear physics	3	INT	I will be investigating how energy is produced by nuclear reactions and comparing atomic models.	✓	□	□	□
AS 91173	2.6 Demonstrate understanding of electricity and electromagnetism (2.6)	6	INT	I will be examining the concepts of voltage current and resistance associated with DC circuits.	✓	✓	□	□
<b>Total Credits</b>		<b>23</b>						
Construction and Infrastructure		23						
Manufacture and Technology		23						
Primary Industries		20						
Social and Community Services		23						
Creative Industries		23						

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# 12GSC2

## 12 General Science

Science Department

17 Credits at Level 2

Not Eligible for Course Endorsement

Who is this course for?

Students interested in Science and aiming to get credits towards Level 2 certificate. This course does not continue into Level 3.

Entry Requirements

Must have attempted year 11 Science or HOD Discretion.

BYOD Recommendations

Nil

Standard (AS)	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91162	Chemistry 2.2 Carry out procedures to identify ions present in solution	3	INT	I will use the scientific method to identify ions using simple chemical reactions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91160	Biology 2.8 Investigate biological material at the microscopic level	3	INT	I will be preparing glass slides of given materials, looking under a microscope and drawing the structure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91172	Physics 2.5 Demonstrate understanding of atomic and nuclear physics	3	INT	I will do research in the development of atomic structure, discussing radioactive substances and their uses.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91296	2.8 Agriculture and Horticultural Science Produce a landscape plan	4	INT	I will be looking at examples of good landscapes for gardens, selecting a site and preparing the site plan for a good landscaped garden.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91188	2.2 Examine an Earth and Space issue and the validity of the information communicated to the public	4	INT	I will select an issue related to space exploration, finding out what the public is told about the issue and whether the information is valid (this is a research based assessment).	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		17						
Construction and Infrastructure		14						
Manufacture and Technology		6						
Service Industries		3						
Primary Industries		10						
Social and Community Services		13						
Creative Industries		6						

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# Social Sciences

12CLA2	12 Classical Studies
	Social Science Department

18 Credits at Level 2	Eligible for Course Endorsement
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Who is this course for?	Students with solid basic reading and writing skills who enjoy learning about the ancient world. This course offers students the ability to develop their skills in research, close analysis of literature and analysis of works of art and architecture.
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Entry Requirements	A minimum of 14 credits in NCEA Level One English, Geography or History
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BYOD Recommendations	Wi-Fi connectable device (i.e. Chromebook)
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91202	2.3 Demonstrate understanding of a significant event in the classical world	4	INT	I will learn about the politics and warfare of the ancient Greek City States. How they came together to fight the Persians and how they also fought each other for wealth, democracy and the Gods.	✓	□	✓	□
AS 91204	2.5 Demonstrate understanding of the relationship between aspects of the classical world and other cultures	6	INT	I will research the relationship between ancient art or architecture and modern architecture. This will be presented digitally or in a poster to show how modern ideas about art have links to the ancient world.	✓	□	✓	□
AS 91201	2.2 Examine the significant features of works of art of the classical world	4	EXT	I will learn about Ancient Greek art and architecture in class. In the external examination I will plan and write a response to one of four questions set in extended paragraphs.	✓	✓	✓	✓
AS 91200	2.1 Examine ideas and values of the classical world	4	EXT	I will learn about an ancient Greek epic tale or play in class. In the external examination I will plan and write a response to one of the four questions set in extended paragraphs.	✓	✓	✓	✓
Total Credits		18						
Service Industries		4						
Creative Industries		18						

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# 12ECE2

## 12 Early Childhood Education

Social Science Department

### Who is this course for?

Students who would like to take up early childhood education as a potential career pathway. The course covers 21 credits towards the MIT certificate of Achievement in ECE. These credits can also be used for NCEA with extra First Aid units making the total 23 credits.

### Entry Requirements

None

### BYOD Recommendations

Wi-Fi connectable device (i.e. Chromebook)

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 2		24	
					lit	num	R	W
US 29852	Basic Needs and Nutrition	4	INT	Demonstrate knowledge of the basic needs and nutrition that support young children's holistic wellbeing and development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29853	Health Issues and Services	3	INT	Demonstrate knowledge of health issues and services available to protect and enhance the wellbeing of young children...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29854	Hygiene and Safety Practices	2	INT	Describe personal and environmental hygiene and safety practices for the care of children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29855	Attachment and Transitions	3	INT	Describe attachment relationships and strategies used to support transitions for young children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29856	Care Practices for Infants and Toddlers	2	INT	Describe and demonstrate care practices for infants and toddlers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29859	Values and Beliefs	4	INT	Describe values and beliefs that inform your own personal approach to the learning and care of young children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 29861	Agencies and Services	3	INT	Identify and describe agencies/services available in the community to support young children and families. .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 25459	First aid for young children	1	INT	Demonstrate the ability to provide first aid for young children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 6402	Resuscitation	1	INT	Demonstrate the ability to provide resuscitation for Young children	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		23						
Social and Community Services		23						
Service Industries		1						
Primary Industries		1						

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Up to 22 Credits at Level 2

Eligible for Course Endorsement

## Who is this course for?

Students who are interested to explore the world in which we live and who want to understand how humans affect the environment we live in.

## Entry Requirements

A total of 12 Level 1 AS credits from, English, Geography, History or Science.

## BYOD Recommendations

Wi-Fi connectable device (i.e. Chromebook)

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91240	2.1 Demonstrate geographic understanding of a large natural environment	4	EXT	I will be exploring a volcanic environment and examining the forces and processes that have formed and changed it.	✓	☐	✓	✓
AS 91241	2.2 Demonstrate geographic understanding of an urban pattern	3	INT	I will be able to understand how and why urban areas take the form they do and how this affects the way we live in them.	✓	☐	☐	☐
AS 91243	2.4 Apply geography concepts and skills	4	EXT	I will learn to read and interpret resources and be able to apply geographic skills and concepts to them.	✓	☐	☐	☐
AS 91244	2.5 Conduct geographic research with guidance	5	INT	I will conduct research around a geographic topic that will involve collecting and explaining data as it relates to my aim.	✓	✓	☐	☐
AS 91245 (Optional)	2.6 Explain aspects of a contemporary NZ 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 91246	2.7 Explain 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 22						
Construction and Infrastructure		Up to 8						
Primary Industries		11						
Service Industries		Up to 22						
Social and Community Services		Up to 3						
Creative Industries		12						

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<b>12HIS2</b>	<b>12 History</b>
	<b>Social Science Department</b>

<b>19 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	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.
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<b>Entry Requirements</b>	12 credits in Level 1 English or History
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<b>BYOD Recommendations</b>	Nil
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91229	2.1 Carry out an inquiry 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 91230	2.2 Examine an historical event of significance to New Zealanders	5	INT	I will use the information from AS91229 to create a written description about the details of the chosen event.	✓	□	✓	□
AS 91232	2.4 Interpret different perspectives of people in an historical event of significance to new Zealanders	5	INT	I will use the information from AS91229 to explain how New Zealanders involved in a significant historical event reacted to that event.	✓	□	✓	□
AS 91233	2.5 Examine causes and consequences of a significant historical event	5	EXT	I will examine and describe the causes and consequences of a significant historical event in the past, in essay form.	✓	□	✓	✓
<b>Total Credits</b>		<b>19</b>						
<b>Service Industries</b>		<b>9</b>						
<b>Creative Industries</b>		<b>24</b>						

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**12TRM2****12 Tourism**

Social Science Department

**28 Credits at Level 2****Not Eligible for Course Endorsement****Who is this course for?**

Students who are interested in working in the Travel and Tourism industry. This Unit Standard course is largely focussed on travel within New Zealand and gives a broad overview of this sector.

**Entry Requirements**

None

**BYOD Recommendations**

Wi-Fi connectable device (i.e. Chromebook)

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 2473	Tourism Characteristics	3	INT	I will create a brief overview of the common characteristics of international and domestic tourists.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24728	Work Roles in Tourism	3	INT	I will learn about the breadth of employment opportunities within the industry.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24726	The socio-cultural impacts of the tourism industry	2	INT	I will investigate how travel affects the tourists themselves and also the communities that they visit.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24727	The environmental impacts of the tourism industry	3	INT	I will understand how tourism can have a positive or a negative effect on the countries in which it operates.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24729	World Tourist Destinations	4	INT	I will get an overview of the major tourist destinations across the world and do in depth research around particular locations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24731	Knowledge of NZ as a Destination	4	INT	I will look at attractions and activities in NZ	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 23761	Reading and Comprehending Documents for the travel industry	3	INT	I will use literacy skills to find information from travel brochures, websites and magazines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24730	The Business of tourism	4	INT	I will look at the different parts of the industry and the employment opportunities they present.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 18237	Calculations in Tourism	3	INT	I will use basic mathematics in a practical way to work out costs, timings and prices commonly needed in this industry.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>29</b>						
<b>Service Industries</b>		<b>29</b>						

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# Technology

<b>12CSC2</b>	<b>12 Computer Science</b>
	<b>Technology Department</b>

<b>Up to 21 Credits at Level 2</b>	<b>Eligible for Course Endorsement</b>
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<b>Who is this course for?</b>	This course is for students who want to continue 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.
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<b>Entry Requirements</b>	12 credits in 11CSC1 and Level 1 Literacy
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<b>BYOD Recommendations</b>	A digital device for home learning
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Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91891	2.2 Apply conventions to develop a design for a digital technologies outcome.	3	INT	I will learn the skills and concepts required to create a digital media outcome.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91896	2.7 Use advanced programming techniques to develop a computer program.	6	INT	I will learn techniques, skills and concepts to develop a computer program.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91897	2.8 Use advanced processes to develop a Digital Technologies outcome	6	INT	I will learn about project management and planning processes used in creating a digital media outcome	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91899	2.10 Present a summary of developing a Digital Technologies outcome.	3	EXT	I will present a reflective report on developing a digital outcome	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91898	2.9 Demonstrate understanding of a computer Science concept.	3	EXT	I will learn about a computer science concept.	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		Up to 21						
<b>Manufacture and Technology</b>		Up to 21						
<b>Service Industries</b>		Up to 12						
<b>Primary Industries</b>		Up to 12						
<b>Creative Industries</b>		Up to 21						
<b>Construction and Infrastructure</b>		Up to 21						
<b>Social and Community Services</b>		Up to 12						

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Up to 19 Credits at Level 2

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 learn how to manipulate patterns to change garment silhouettes and features and will explore different techniques to identify the best way to construct their own garment or product.

## Entry Requirements

12 credits from 11DSM1

## 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 91337	2.30 Use visual communication techniques to generate design ideas	3	EXT	I will use a range of visual communication techniques and media to generate and explore design ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91342	2.35 Develop a product design through graphics practice	6	INT	I will undertake a design process that utilises ideation, research, exploration and refinement to develop a design solution in a Product design context.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91345	2.21 Implement advanced procedures using textile materials to make a specified product with special features	6	INT	I will construct a prototype (sample) of a garment using advanced techniques aligned with the fashion and/or apparel industries.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91350 (Optional)	2.26 Make advanced adaptations to a pattern to change the structural and style features of a design	4	INT	I will make advanced adaptations to a pattern for a garment that changes structural and style elements of the garment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		Up to 19						
Creative Industries credits		19						
Primary Industry credits		3						
Manufacture & Technology		19						
Construction & Infrastructure		13						

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Up to 18 Credits at Level 2

Eligible for Course Endorsement

## Who is this course for?

This course is for students who are interested in design within Product and Spatial contexts (such as Industrial design, Architecture and Landscape Architecture) and who want to further develop a range of design skills in these areas. Students learn about the place of design in society and generate and explore design ideas in response to challenging and authentic needs or issues. Our students engage with a range of visual communication techniques that enable them to develop and present their design ideas 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

12 credits from 11DVC1.

## 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 91337	2.30 Use visual communication techniques to generate design ideas	3	EXT	I will use a range of visual communication techniques and media to generate and explore design ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91340 (Optional)	2.33 Use the characteristics of a design movement or era to inform own design ideas	3	INT	I will research a design era or movement to identify and understand its characteristic design principles and elements and the societal impacts that influenced it. I will use knowledge gained to inform own design work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91341	2.34 Develop a spatial design through graphics practice	6	INT	I will undertake a design process that utilises ideation, research, exploration and refinement to develop a design solution in a Spatial design context.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AS 91342	2.35 Develop a product design through graphics practice	6	INT	I will undertake a design process that utilises ideation, research, exploration and refinement to develop a design solution in a Product design context.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Credits		Up to 1						
Creative Industries credits		18						
Primary Industry credits		3						
Manufacture & Technology		18						
Construction & Infrastructure		18						

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12TCE2		12 Electronics and Programming
		Technology Department
16 Credits at Level 2		Eligible for Course Endorsement
Who is this course for?	This course is designed for students who enjoy enquiring into the potential broad social impacts of digital electronics and are interested in designing and developing projects in Electronics. Students will use advanced techniques to develop their own electronic outcome. This course will give students foundational knowledge that supports pathways to Engineering or Technology careers.	
Entry Requirements	12 credits from 11TCE2	
BYOD Recommendations	Nil	

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91890	2.1 Conduct an inquiry to propose a digital technologies outcome	6	INT	I will learn about processes and skills to conduct needed to take a given enquiry question to a proposal for a solution involving digital technologies.	✓	☐	☐	☐
AS 91894	2.5 Use advanced techniques to develop an electronics outcome	6	INT	I will learn about the development of interfaces composed of electronic circuits and software to a microprocessor to meet a specified outcome. Iterative refinement of the design, development and testing process to produce a high-quality electronics outcome.	☐	☐	☐	☐
AS 91360	2.7 Demonstrate understanding of redundancy and reliability in technological systems	4	EXT	I will learn about redundancy and reliability in technological systems.	✓	☐	☐	☐
Total Credits		16						
Manufacture and Technology		12						
Service Industries		6						
Primary Industries		6						
Creative Industries		12						
Construction and Infrastructure		16						
Social and Community Services		6						

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**12BCT2****Building, Construction and Allied  
Trade Skills****Technology Department****18 Credits at Level 2****Not Eligible for Course Endorsement****Who is this course for?**

This is a course designed for students who are interested in a career in the construction industry. Students will develop an understanding of key construction practices as well as the theory that underpins them. They will develop their practical skills and practice health and safety procedures while constructing their own projects from timber and other hard materials.

**Entry Requirements**

8 credits from TMM1 and the MRGS Workshop Health and Safety Certificate.

**BYOD Recommendations**

Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 25921	Make a cupboard as a BCATS project	6	INT	I will apply your knowledge to the construction of a furniture project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 12927	Identify, select, maintain, and use hand tools for BCATS projects	6	INT	I will learn about hand tools and how to select the right ones for my project.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
US 24350	Identify, select, maintain, and use portable power tools for BCATA projects.	6	INT	I will learn how to select the best power tool for different parts of my projects and how to safely and efficiently use and maintain them	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Total Credits</b>		<b>18</b>						
<b>Construction and Infrastructure</b>		<b>18</b>						
<b>Primary industries</b>		<b>12</b>						

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