MOUNT ROSKILL GRAMMAR SCHOOL

MOUNT ROSKILL
GRAMMAR SCHOOL

2021 Year 13 ACADEMIC PROGRAMME

A guide to choosing your learning pathway

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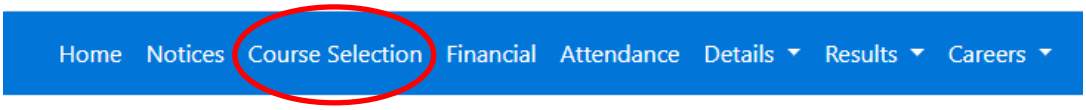
Course Selection Instructions for Year 12 2020 Students entering Year 13 in 2021

Students will need to login to the parent/student portal.
Go to www.mrgs.school.nz
Click on **PARENT PORTAL/KAMAR PORTAL** at the top of the page.
Login with your student ID and password.

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

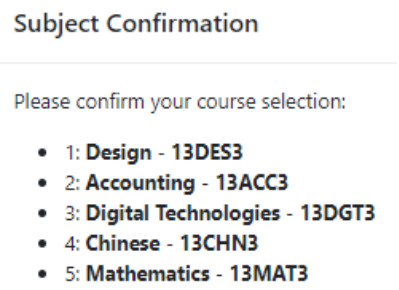


1. Read the instructions carefully before making your selection.
   There are no compulsory subjects for Year 13. Below is an example of what the selection page looks like.

Course	1	2	3	4	5
Art					
Art Visual - Painting or Printmaking (13ARV3)	×	×	×	×	×
Design (13DES3)	×	×	×	×	×
Photography (13PHT3)	×	×	×	×	×
Commerce					
Accounting (13ACC3)	×	×	×	×	×
Accounting for Beginners (13ACC3B)	×	×	×	×	×

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

3. Example of Year 12 Course selection:



4. Save your selection by clicking the Save button at the bottom of the screen. You can keep changing your selection until the 'Course Selection' is closed off from the portal on Friday 24th July 2020.

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

More subject details can be found in the Year 13 Academic Programme booklet which is on the school website: https://www.mrgs.school.nz/academic-programmes

Courses available at Mount Roskill Grammar School

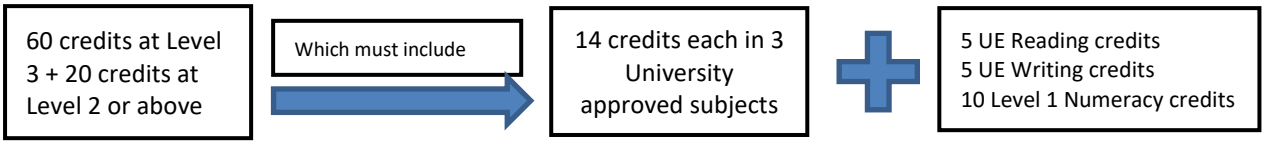
Department	YEAR 10	YEAR 11	YEAR 12	YEAR 13
Academies	Basketball Football Hockey Performing Arts Rugby	Not Available	Not Available	Not Available
Art (Visual Arts)	Visual Art	Visual Art	Art Visual – Painting or Printmaking Design Photography	Art Visual – Painting or Printmaking Design Photography
Business/Commerce	Business Studies	Accounting Economics	Accounting Business Practice Economics	Accounting Business Practice Economics
Computing	Digital Technologies	Computer Science	Computer Science	Computer Science Digital Technologies
English	English	English or English Literacy	English or English Literacy	English Visual Language English Written Language English Literacy
ESL	ESL	ESL	ESL	EAP
Food and Hospitality	Food	Food and Hospitality Home Economics	Food and Hospitality Home Economics	Catering and Hospitality Food and Hospitality
Languages	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan	Chinese French Japanese Māori Samoan
Mathematics	Mathematics	Mathematics Academic Mathematics Mathematics Internal	Mathematics Academic Mathematics Mathematics Internal	Maths with Calculus Maths with Statistics Mathematics Mathematics Internal
Media Studies	Media Studies	Media Studies	Media Studies	Media Studies
Music	Music Studies	Music Studies Making Music	Music Studies Making Music	Music Studies Making Music
Performing Arts	Dance Drama	Dance Drama	Dance Drama	Dance Drama
Physical Education and Health	Physical Education Health	Physical Education Health	Sports Science Exercise Prescription Health	Sports Science Exercise Prescription Health
Science	Science	Science A Science B	Biology Chemistry Physics General Science	Biology Chemistry Physics
Social Sciences	Social Studies	Geography History	Classical Studies Early Childhood Education Geography History Tourism	Classical Studies Geography History Tourism
Technology	Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials	Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials	Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials Building, Construction and Trade Skills (BCT)	Design with Soft Materials Design and Visual Communication Electronics and Programming Technology Multi-Materials 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 and from the NZQA website www.nzqa.govt.nz .
Students intending to study at university or other tertiary institutions need to take note of the requirements for entrance to university, particularly in literacy, numeracy and the domains from which courses need to be selected.

NCEA endorsements

NCEA Certificate Endorsement
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
Students will receive an Excellence endorsement if they gain 14 or more credits at Excellence level, while students gaining 14 or more credits at Merit (or Merit and Excellence) will gain a Merit endorsement. 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 subject endorsement can only be awarded in one calendar year.

National Certificates

In 2021 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. 13FHS23 - Year 13 students taking Food & Hospitality studying both Level 2 & 3 standards							
HOD discretion	HOD may approve entry without requirement						
INT	Assessed internally			**EXT**	Assessed in the external examinations (Nov – Dec)		
Lit	Literacy	**Num**	Numeracy	**R**	Reading Credits	**W**	Writing Credits
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, 2020.

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

Oral Health	**AUT –** Biology and at least one subject from Classics, Drama, English, Geography, Health, History, History of Art and Media are highly recommended**.** **Uni of Otago – Biology is required,** and an English rich subject is highly recommended. Health is useful.
Optometry	**Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, English (Table A), Statistics or Calculus are required.**
Performing Arts	**You need at least one subject from Dance, Drama or Music for the audition.** English is highly recommended.
Pharmacy	**Uni of Ak – Bach of Health Science – You need one subject from Table A and one subject from Table B. Biology, Chemistry and an English- rich (Table A) are required.** Health is useful. **Uni of Ak - Bachelor of Science – Biomedical Science – Biology, Chemistry, Physics, English (Table A), Statistics or Calculus are required.** **Uni of Otago - Biology, Chemistry, Physics, English (English rich subject), Statistics (Calculus) are required.**
Physiotherapy	**AUT** – Biology, Sports Science, English (English rich subject) and Mathematics are very useful. **Uni of Otago – Biology, Chemistry, Physics, English (English rich subject) and Statistics (Calculus) are required.**
Plumbing	**Unitec - 10 credits in English and Mathematics at Level 1 are the minimum requirements for the pre-apprenticeship certificate** but Level 2 English and Mathematics are preferred. BCATS/Technology - Multi, Electronics and Applied Physical Education are useful.
Police	English, Mathematics, Digital Technology and Physical Education at Level 2 minimum are recommended. Catering and Hospitality is also useful. You must have your full driver's licence before you can apply for the Police.
Science	**Uni of Ak and AUT** - Relevant Science subjects, Statistics, Mathematics, Calculus and English (Table A), Digital Technology or Computer Science are highly recommended.
Social Work	**Uni of Ak -** Languages, Classics, Economics, English, Geography, History, Biology, Chemistry, Physics, Technology, Mathematics and Te Reo Maori are recommended. A good standard of oral and written English is important.
Sport and Recreation	**AUT** – Useful subjects are: Classics, Drama, English, Geography, Health, History, History of Art, Media and either Physical Education or one subject from Biology, Chemistry, Physics or Calculus, Mathematics or Statistics.
Sports Science	**Uni of Ak –** Biology is recommended, and Chemistry, Statistics and Sports Science are useful. **AUT –** Useful subjects are: Classics, Drama, English, Geography, Health, History, History of Art, Media and either Physical Education or one subject from Biology, Chemistry, Physics or Calculus, Mathematics or Statistics.
Tourism	**English and Mathematics at Level 2 are required.** Digital Technology and Tourism at Level 3 are recommended while Geography, Catering and Hospitality and Business Practice are also useful for courses at private providers. **AUT** – Classical Studies, Drama, Economics, English, Geography, Health Education, History, Media Studies, Physical Education, and Te Reo Māori, are useful for degree entry. **AUT – At least three university-approved subjects are required for certificate entry.**
Veterinary Nursing	**Unitec – 12 credits in English at Level 2 and 12 credits in Mathematics and Science at Level 1 are required** for the certificate. Biology, Digital Technology and Business Practice are useful. **Unitec – Two science subjects** at Level 3 **are required** and English and Statistics or Calculus at Level 3 are highly recommended for degree entry.
Veterinary Science	**Massey Uni - Biology, Chemistry, Physics and Calculus or Statistics are required.** English is useful

For programmes at the University of Auckland that refer to Table A and/or Table B subjects, the list below shows the appropriate subjects.

Table A	Table B
Classical Studies English Geography History History of Art Te Reo Māori OR Te Reo Rangatira	Accounting Biology Calculus Chemistry Digital Technologies* Economics Mathematics** Physics Statistics

**There are 11 Level 3 achievement standards in this domain, numbered 91632 – 91642.*
***Cannot be used in combination with Calculus and/or Statistics.*

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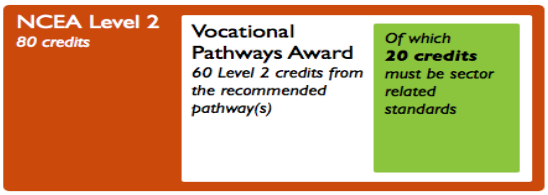
Vocational Pathways

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?



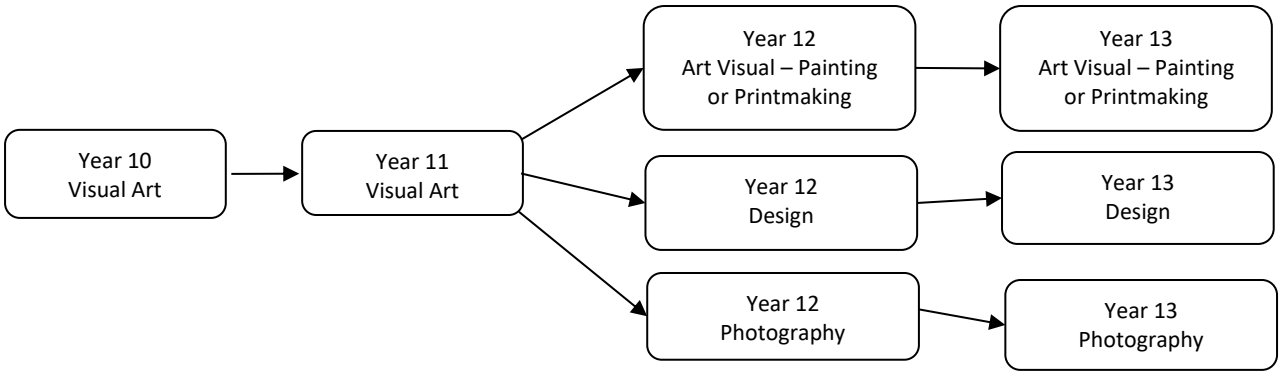
The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.

Subject Selection Help

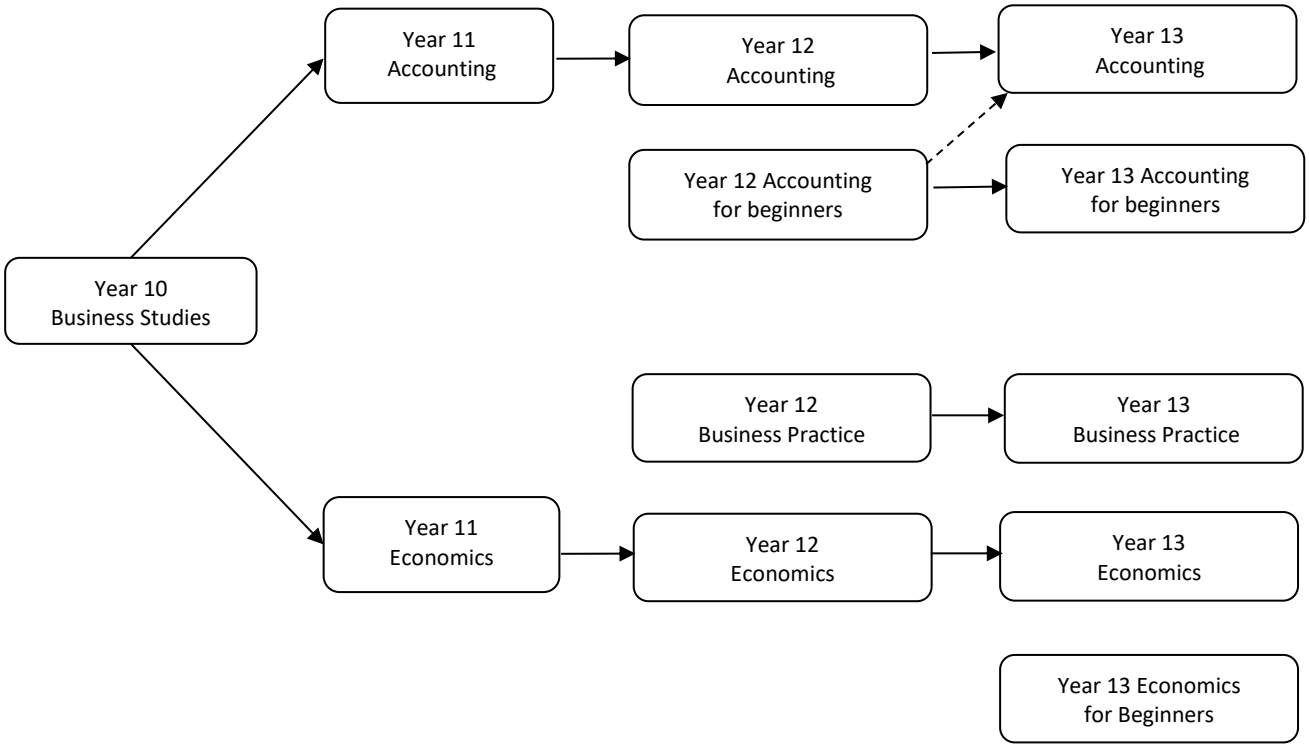
Resource	Information	
Subject Teachers, HODs & Mentors	• What the subject is about and some of the jobs it can lead to. • Pathways advice	
Academic Deans	• Academic Deans can assist students with subject selection. • Book an appointment to see an one of the Academic Deans (Mrs Burns, Mr Hays, Mr Presland, Mr Coker, Mr Buckley)	
MRGS Career Department	• The Career Department have a large range of resources to help with subject selection. See Miss Hodge in H4 **OR** • Book an appointment today to see the Career Advisor using this email – Ann.Hodge@mrgs.school.nz	
MRGS Website www.mrgs.school.nz	• How to choose school subjects - To access click on 'Academic' on the home page – Career Essentials – How to choose school subjects. • Also click on the Academic tab on the home-page, then 'Academic Programmes booklets' then the 'Recommended Subjects for Tertiary Study' pages in those booklets.	
Careers NZ www.careers.govt.nz	• Check out the guide to choosing school subjects Make sure you confirm the specific tertiary entry requirements for courses you are interested in studying on the website of the tertiary provider. See the Career Advisor if you need help. • There are great interactive tools such as Career Quest, Skill Matcher and Subject Matcher. These are starting points to help you discover jobs that may suit your interests and skills.	http://goo.gl/likN0c
Youth Guarantee www.youthguarantee.net.nz	• Find out more about the new Vocational Pathways and what subjects businesses want you to take. • Use the Profile Builder to enter your standards and build your Vocational Profile. • Learn about educational opportunities and how to achieve higher level qualifications	http://goo.gl/ZZvPI0
Occupation Outlook Download the app from iTunes or Google Play	A free app that gives you education, career, employment and income information on a wide range of jobs in New Zealand.	

Course Pathways

Art (Visual Arts)



Business and Commerce



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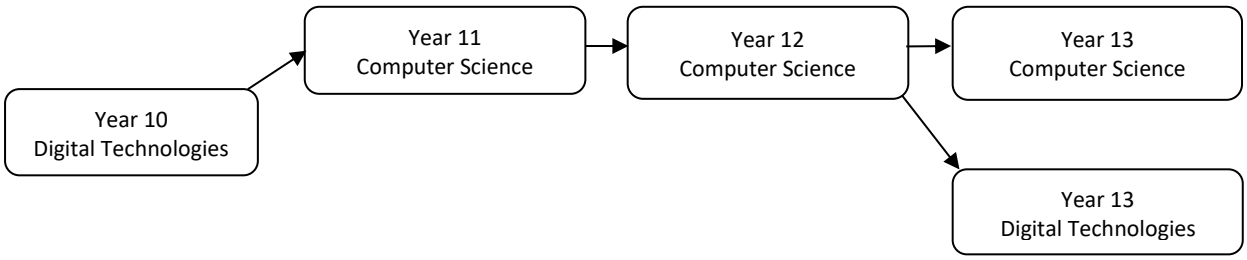
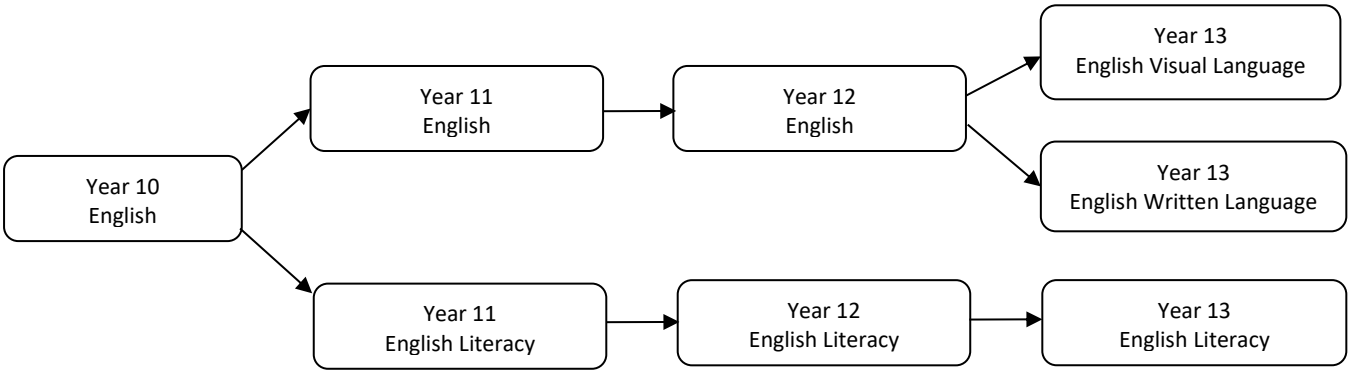
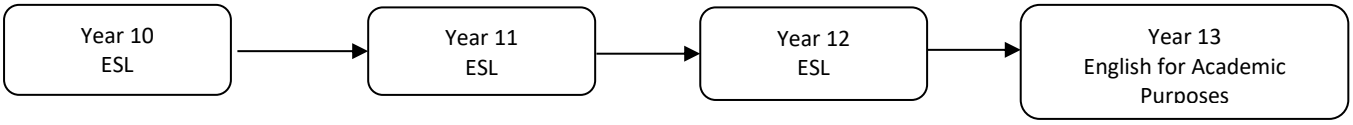
Digital Technologies and Computer Science



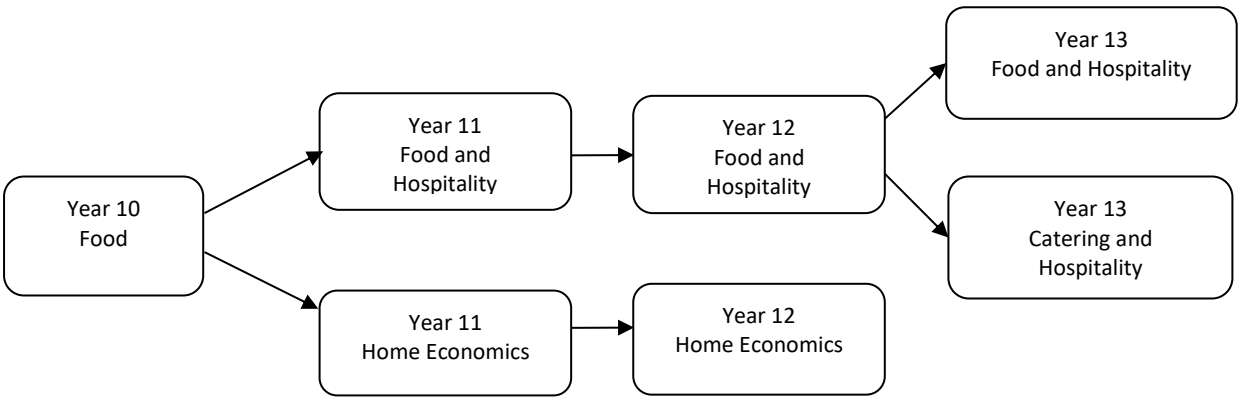
English (Compulsory Years 9 – 12)



English as a Second Language (ESL)



Food and Hospitality



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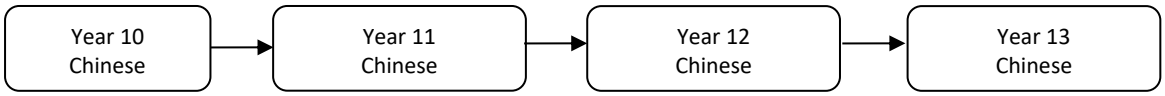
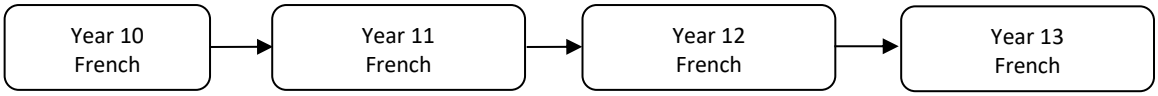
Languages

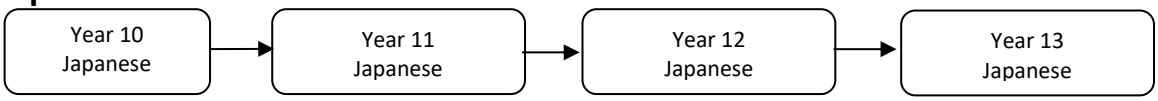
Chinese



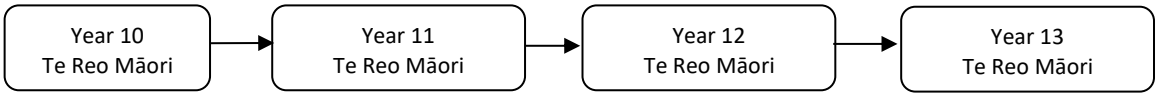
French



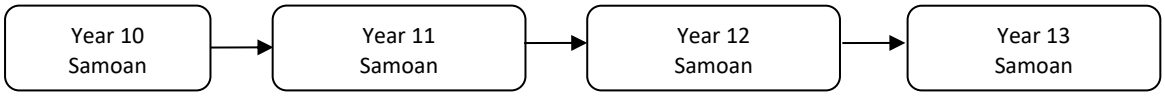
Japanese



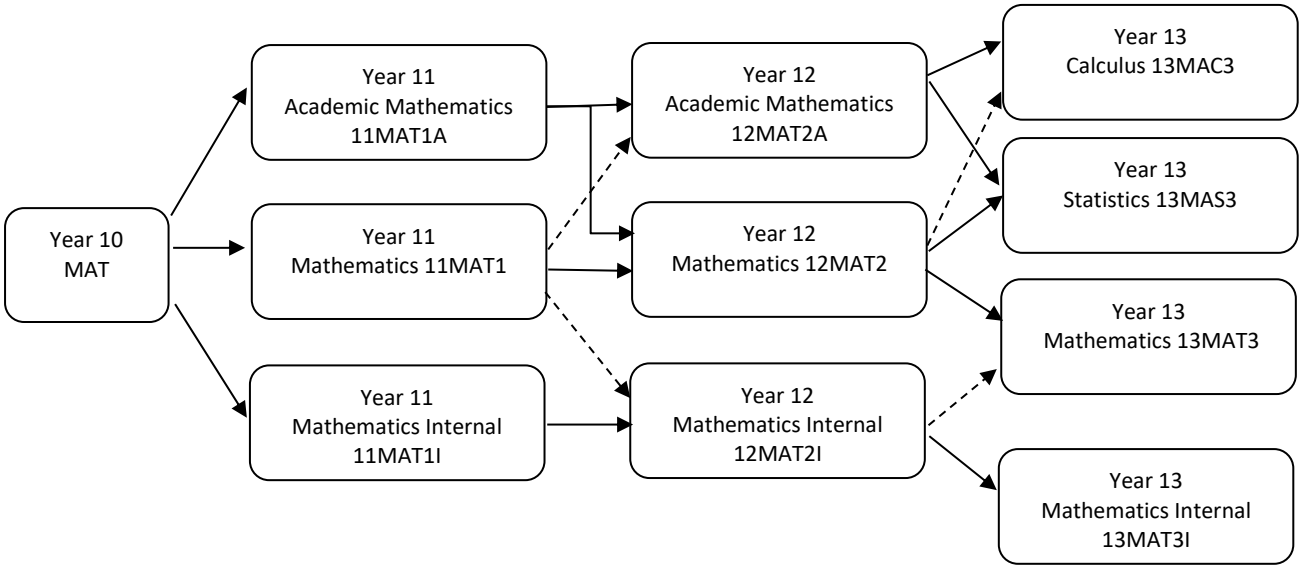
Te Reo Māori



Samoan



Mathematics (Compulsory Years 9 – 11)



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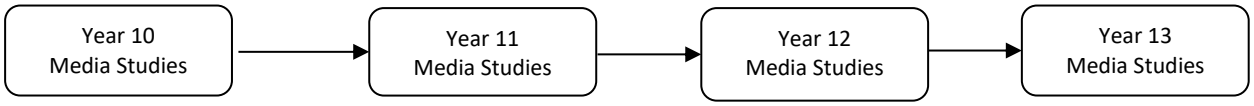
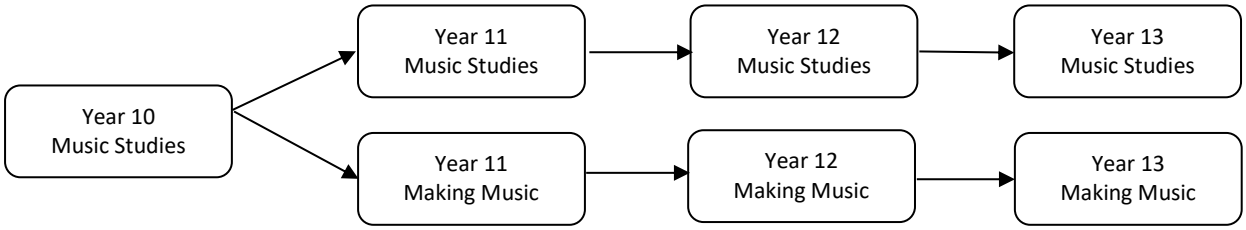
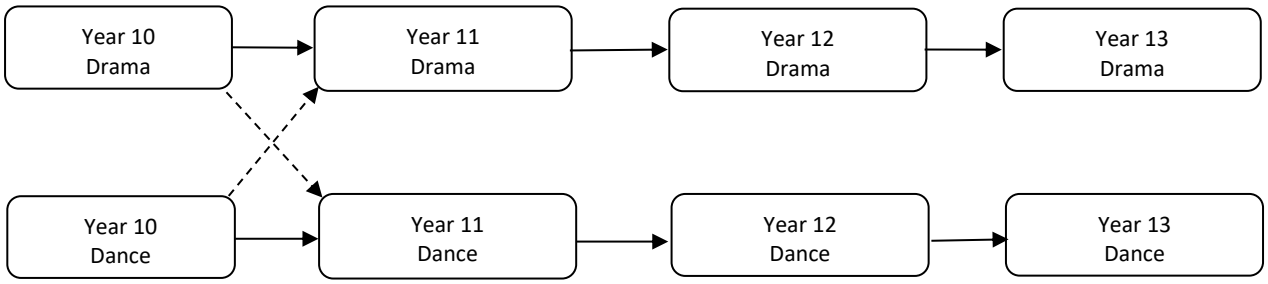
Media Studies



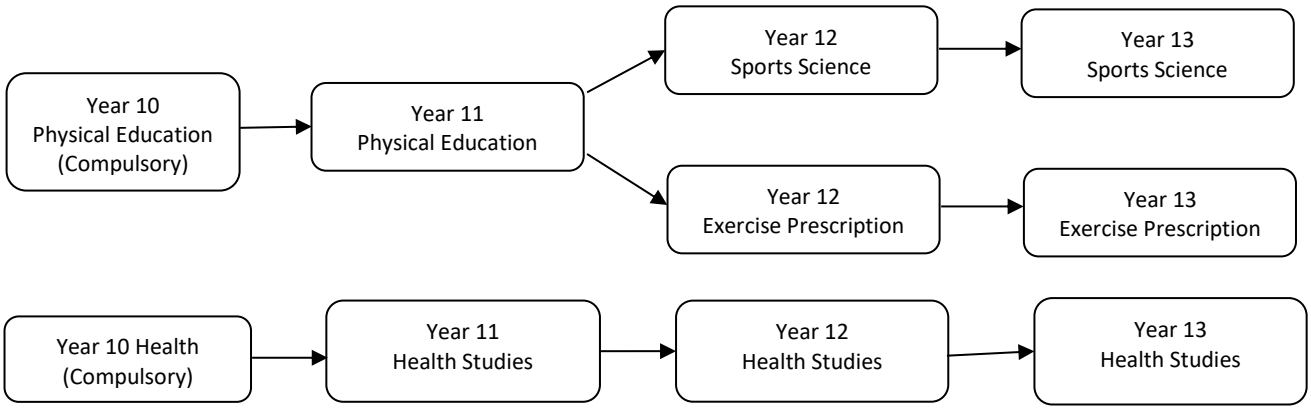
Music



Performing Arts



Physical Education (Compulsory Years 9 – 10)



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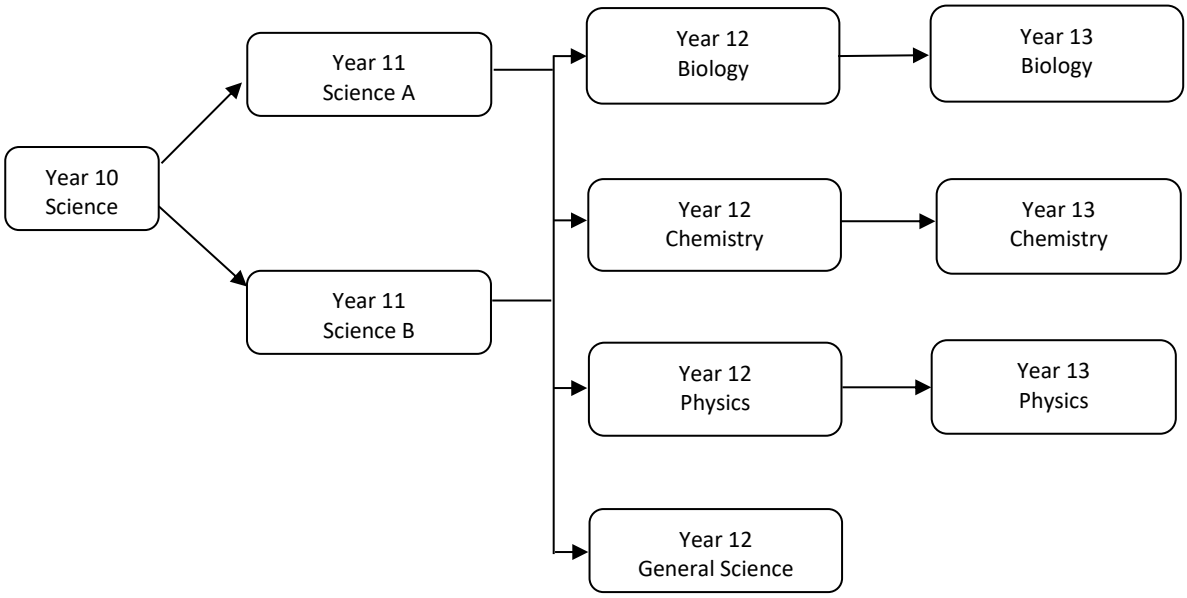
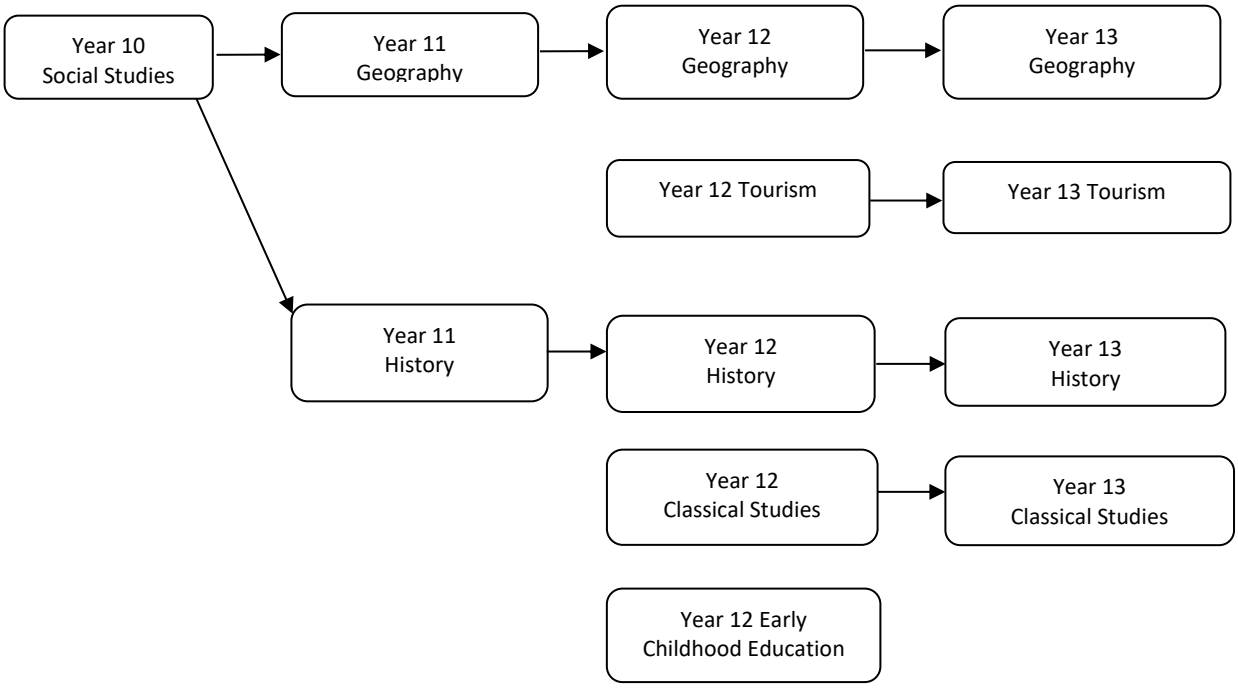
Science (Compulsory Years 9 – 10)



Social Sciences (Compulsory Years 9 – 10)



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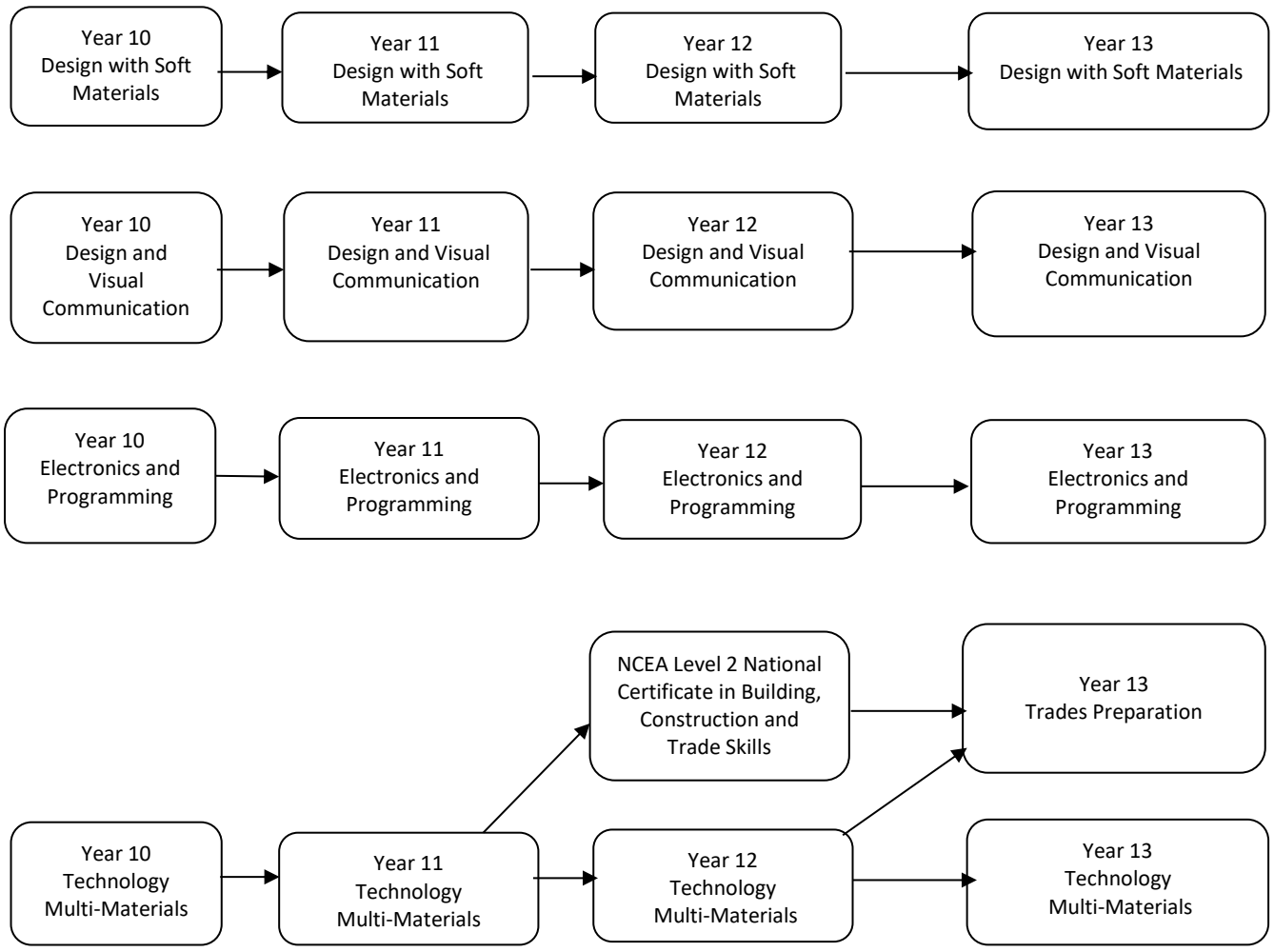
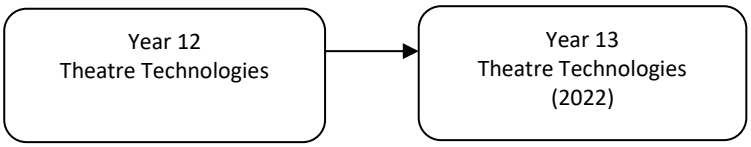
Technology



Technology / Performing Arts



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Course Description and Information

Art (Visual Arts)

13ARV3	13 Art Visual – Painting or Printmaking
	Arts Department

30 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	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.

Entry Requirements	12PNT2 or HOD Discretion	**Course Costs**	None
BYOD Recommendations	Tablet or Laptop		

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91441 or 91443	**3.1 Analyse methods and ideas from established painting or printmaking practice**	4	INT	I will research painters in a specific genre contributing to AS 3.4 and Scholarship.	✓	✘	✘	✘
AS 91446 or 91448	**3.2 Use drawing to demonstrate understanding of conventions appropriate to painting or printmaking**	4	INT	I will present 10 to 15 drawings in dry and wet media that assimilate the methods and ideas in established painting or printmaking practice.	✘	✘	✘	✘
AS 91451 or 91453	**3.3 Systematically clarify ideas using drawing informed by established painting or printmaking practice**	4	INT	I will formulate concepts based on the initial subject matter studies and further develop clarify and refine these ideas through drawing, painting and printmaking.	✘	✘	✘	✘
AS 91460	**3.5 Produce a resolved work that demonstrates control of skills appropriate to a cultural context**	4	INT	I will design and make a resolved work, using a high level of technical skill and control to enhance the effectiveness of the work. I will be assessed exclusively on the final product.	✘	✘	✘	✘
AS 91456 or 91458	**3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within painting or printmaking practice**	14	EXT	I will produce a folio of original work by selecting a visual vocabulary that I have developed throughout the subject matter and artist explorations.	✘	✘	✘	✘

Total Credits	30
Creative Industries	30
Service Industries	4

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13DES3

13 Design

Arts Department

30 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students with a sound knowledge of Adobe Photoshop and Illustrator, who are organised and enjoy using their imagination and creative thinking skills to create successful design solutions.

Entry Requirements	12DES2 or HOD Discretion	**Course Costs**	None
BYOD Recommendations	Laptop - support Adobe Photoshop and Illustrator		

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1 lit	Level 1 num	UE Literacy R	UE Literacy W
I AS 91440	**3.1 Analyse methods and ideas from established design practice**	4	INT	I will research designers in a specific genre contributing to AS 3.4 and Scholarship.	✓	✘	✘	✘
AS 91445	**3.2 Use drawing to demonstrate understanding 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 selected design briefs.	✘	✘	✘	✘
AS 91450	**3.3 Systematically clarify ideas using drawing informed by established design**	4	INT	I will present a coherent and sustained development of ideas for a selection of design briefs, using both hand drawn and digitally generated work.	✘	✘	✘	✘
AS 91460	**3.5 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 and control to enhance the effectiveness of the work. I will be assessed exclusively on the final product.	✘	✘	✘	✘
AS 91455	**3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within design**	14	EXT	I will present a 3 panel, A1 Portfolio at the beginning of Term 4. I will select related works to form a series of design briefs to show regeneration, development and extension of my ideas.	✘	✘	✘	✘

Total Credits	30
Creative Industries	30
Service Industries	4

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13PHT3

13 Photography

Arts Department

30 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students with a creative flair, interested in using photographic mediums and processes, keen to expand their skills and explore ways to express their ideas.

Entry Requirements	12PHT2 or HOD Discretion	**Course Costs**	None
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 91442	**3.1 Analyse methods and ideas from established photography practice**	4	INT	I will research photographers in a specific genre contributing to AS 3.4 and Scholarship.	✓	✘	✘	✘
AS 91447	**3.2 Use drawing to demonstrate understanding of conventions appropriate to photography**	4	INT	I will identify conventions employed by a range of photographers in a specific genre and apply them to my own work.	✘	✘	✘	✘
AS 91452	**3.3 Systematically clarify ideas using drawing informed by established photography practice**	4	INT	I will clarify and extend ideas identified in my AS 3.2 assignment. Drawing takes the form of proof sheets, working prints and final prints.	✘	✘	✘	✘
AS 91460	**3.5 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 and control to enhance the effectiveness of the work. I will be assessed exclusively on the final product.	✘	✘	✘	✘
AS 91457	**3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice**	14	EXT	I will use my investigations from AS 3.2 as the basis for an A1 Folio of three panels which demonstrates a systematic body of work which identifies and clarifies ideas and regenerates them.	✘	✘	✘	✘

Total Credits	30
Creative Industries	30
Service Industries	4

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Business and Commerce

13ACC3	13 Accounting
	Commerce Department

22 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course builds on studies offered at earlier levels of Accounting as well as introducing new skills to understand both the operations of and accounting for partnerships, companies and manufacturing enterprises.

Entry Requirements	12 Level 2 Accounting credits including AS91174 or AS 91176
Course Costs	None
BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91404	**3.1 Demonstrate understanding of accounting concepts for a New Zealand reporting entity**	4	EXT	I will learn the principles which form the basis of Accounting for a New Zealand company that is listed on the Stock Exchange.	✓	✗	✓	✗
AS 91405	**3.2 Demonstrate understanding of accounting for partnerships**	4	INT	I will learn how to process, report and explain Accounting information for partnerships.	✗	✓	✗	✗
AS 91406	**3.3 Demonstrate understanding of company financial statement preparation.**	5	EXT	I will learn how to process, report and explain Accounting information for companies.	✗	✓	✗	✗
AS 91407	**3.4 Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.**	5	INT	I will learn how to use the information in the annual report of a New Zealand company to make a recommendation to a potential shareholder.	✓	✓	✓	✓
AS 91409	**3.6 Demonstrate understanding of a job cost subsystem for an entity**	4	INT	I will learn how to process, report and explain Accounting information for manufacturing enterprises.	✓	✓	✗	✗

Total Credits	22
Creative Industries	8
Service Industries	13

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13ACC3B

13 Accounting for Beginners

Commerce Department

18 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course introduces fundamental Accounting practices and applies these new skills to gain an understanding of partnerships, companies and manufacturing enterprises enabling students to successfully gain Level 3 Accounting credits.

Entry Requirements	Year 13 students undertaking an NCEA Level 3 Achievement Standard Course of study and do not need to have previously studied Accounting.	**Course Costs**	None

BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91405	**3.2 Demonstrate understanding of accounting for partnerships**	4	INT	I will learn how to process, report and explain Accounting information for partnerships.	✗	✓	✗	✗
AS 91406	**3.3 Demonstrate understanding of company financial statement preparation.**	5	EXT	I will learn how to process, report and explain Accounting information for companies.	✗	✓	✗	✗
AS 91407	**3.4 Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.**	5	INT	I will learn how to use the information in the annual report of a New Zealand company to make a recommendation to a potential shareholder.	✓	✓	✓	✓
AS 91409	**3.6 Demonstrate understanding of a job cost subsystem for an entity**	4	INT	I will learn how to process, report and explain Accounting information for manufacturing enterprises.	✓	✓	✗	✗

Total Credits	18
Service Industries	9
Creative Industries	4

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13BSP3

13 Business Practice

Commerce Department

21 Credits at Level 3 | **Not Eligible for Course Endorsement**

Who is this course for?	This course teaches students advanced fundamental skills of business practice which include the general requirements of financial records and using accounts receivable and payable systems that are useful for students seeking employment opportunities in an office environment.

Entry Requirements	Level 1 Literacy
Course Costs	None
BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 108	**Apply text processing skills to produce business documents.**	5	INT	I will learn how to prepare various business documents from annotations and editorial amendments.	✖	✖	✖	✖
US 112	**Produce business or organisational information using word processing functions.**	5	INT	I will learn how to produce professional documents such as Mail Merge letters, Order Forms and Business Flyers.	✖	✖	✖	✖
US 328	**Identify the requirements for a financial record system for an entity.**	4	INT	I will learn the documents that are needed to produce quality information for a business and the records that these documents form	✖	✖	✖	✖
US 26768	**Use a computerised accounts receivable and payable system to produce financial information.**	7	INT	I will learn how to use a computerised accounting system (MYOB) to enter sales and purchase transactions and to produce reports from this information.	✖	✖	✖	✖
Total Credits		21						

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13ECS3

13 Economics

Commerce Department

18 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course will focus on the efficiency of firms' output / pricing decisions, the efficiency of individual commodity markets and also when government intervention is required to improve our economy's performance.

Entry Requirements	12 Level 2 Economics credits
Course Costs	None
BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91399	**3.1 Demonstrate understanding of the efficiency of market equilibrium.**	4	EXT	I will learn how to illustrate and explain changes in market equilibrium from government interventions and to explain/calculate their impact on efficiency.	✓	✗	✓	✓
AS 91400	**3.2 Demonstrate understanding of the efficiency of different market structures using marginal analysis**	4	EXT	I will learn how to identify profits, output levels, and price charged for monopolists and perfect competitors.	✓	✗	✓	✓
AS 91401	**3.3 Demonstrate understanding of micro-economic concepts**	5	INT	I will learn how to calculate and apply elasticity of demand and supply, and how satisfaction determines demand and pricing.	✓	✗	✓	✗
AS 91402	**3.4 Demonstrate understanding of government interventions to correct market failures**	5	INT	I will learn how to determine why a market has failed and suggest suitable policies to improve it in terms of efficiency and equity.	✓	✗	✓	✗

Total Credits	18
Service Industries	13
Primary Industries	9

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13ECS3B

13 Economics for Beginners

Commerce Department

Up to 18 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course introduces fundamental Economic concepts and applies these skills to both New Zealand and world economies enabling students to successfully gain Level 3 Economics credits.

Entry Requirements	Year 13 students undertaking an NCEA Level 3 Achievement Standard Course of Study and do not need to have previously studied Economics.

Course Costs	None

BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91399	**3.1 Demonstrate understanding of the efficiency of market equilibrium.**	4	EXT	I will learn how to illustrate and explain changes in market equilibrium from government interventions and to explain/calculate their impact on efficiency.	✓	✗	✓	✓
AS 91400 (Optional)	**3.2 Demonstrate understanding of the efficiency of different market structures using marginal analysis**	4	EXT	I will learn how to identify profits, output levels, and price charged for monopolists and perfect competitors.	✓	✗	✓	✓
AS 91401	**3.3 Demonstrate understanding of micro-economic concepts**	5	INT	I will learn how to calculate and apply elasticity of demand and supply, and how satisfaction determines demand and pricing.	✓	✗	✓	✗
AS 91402	**3.4 Demonstrate understanding of government interventions to correct market failures**	5	INT	I will learn how to determine why a market has failed and suggest suitable policies to improve it in terms of efficiency and equity.	✓	✗	✓	✗

Total Credits	Up to 18
Primary Industries	9
Service Industries	13

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Digital Technology and Computer Science

13CSC3	13 Computer Science
	Digital Technologies Department

Up to 22 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	This course is for students who want to focus on computing and programming skills. Students will develop understanding of how ICT impacts almost every aspect of our lives. Students will develop knowledge that supports pathways to Information Communication Technology careers including engineering and computer science. However, this course is relevant to any career pathway as ICT is a fundamental skill across a huge variety of professions. If students wish to sit the scholarship exam in Technology - Computing, they can do so through this course pathway.

Entry Requirements	14 credits from 12CSC2	**Course Costs**	None

BYOD Recommendations	A digital device for home learning

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91903	**3.4 Use complex techniques to develop a digital media outcome**	4	INT	I will learn advanced skills in digital media to create a digital media outcome.	✘	✘	✘	✘
AS 91906	**3.7 Use complex programming techniques to develop a computer program**	6	INT	I will learn advanced techniques, skills and concepts to develop a computer program.	✘	✘	✘	✘
AS 91907	**3.8 Use complex 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.	✘	✘	✘	✘
AS 91908	**3.9 Analyse an area of computer science**	3	EXT	I will learn about and write an analysis of an area of computer science.	✓	✘	✘	✓
AS 91909 (Optional)	**3.10 Present a reflective analysis of developing a digital outcome**	3	EXT	I will present a reflective report on developing a digital outcome.	✓	✘	✘	✘

Total Credits	Up to 22
Manufacture and Technology	Up to 22
Service Industries	Up to 9
Primary Industries	Up to 13
Creative Industries	Up to 22
Construction and Infrastructure	Up to 22
Social and Community Services	Up to 13

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13DGT3

13 Digital Technologies

Digital Technologies Department

Up to 17 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	This course is for students who want to continue to develop computing, digital media skills through an applied project. 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. Students wishing to sit Scholarship should choose 13CSC3

Entry Requirements	7 credits in 12CSC2	**Course Costs**	None
BYOD Recommendations	A digital device for home learning		

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91902	**3.3 Use complex techniques to develop a database**	4	INT	I will learn and apply practical skills to develop a database	✘	✘	✘	✘
AS 91903	**3.4 Use complex techniques to develop a digital media outcome**	4	INT	I will learn advanced skills in digital media to create a digital media outcome.	✘	✘	✘	✘
AS 91907	**3.8 Use complex 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.	✘	✘	✘	✘
AS 91909 (Optional)	**3.10 Present a reflective analysis of developing a digital outcome**	3	EXT	I will present a reflective report on developing a digital outcome.	✓	✘	✘	✘

Total Credits	Up to 17
Manufacture and Technology	Up to 17
Service Industries	Up to 9
Primary Industries	Up to 17
Creative Industries	Up to 17
Construction and Infrastructure	Up to 17
Social and Community Services	Up to 13

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English

13ENG3V	13 English Visual Language
	English Department

Up to 18 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	This course is for students who want to develop their critical appreciation of visual texts.

Entry Requirements	12 Credits at Level 2 in English. UE Literacy would be beneficial but not mandatory.

Course Costs	None

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 91472	**3.1 Respond critically to significant aspects of written text(s) studied**	4	EXT	I will study significant aspects of a written text(s) in class and show my critical understanding of the text(s) in a written argument.	✓	✗	✓	✓
AS 91473	**3.2 Respond critically to significant aspects of visual or oral text(s) studied**	4	EXT	I will study significant aspects of a visual or oral text(s) in class and show my critical understanding of the text(s) in a written argument.	✓	✗	✗	✓
AS 91476 (Optional)	**3.5 Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas**	3	INT	I will plan and present an oral text which develops ideas to engage and challenge an audience.	✓	✗	✗	✗
AS 91479	**3.8 Develop an informed understanding of literature using critical texts**	4	INT	I examine at least two critical viewpoints on one of my class texts and present a written report on how they have influenced my own viewpoint on that text.	✓	✗	✓	✗
AS 91480	**3.9 Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence**	3	INT	I conduct a detailed examination of visual text(s) and form significant judgements on the way it is crafted and themes presented.	✓	✗	✗	✗

Total Credits	Up to 18
Construction and Infrastructure	Up to 18
Manufacture and Technology	Up to 11
Service Industries	Up to 18
Primary Industries	Up to 18
Social and Community Services	Up to 18
Creative Industries	Up to 10

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13ENG3W

13 English Written Language

English Department

21 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course is for students who want to develop their writing and speaking skills and deepen their critical appreciation of literature.

Entry Requirements	12 Credits at Level 2 in English. UE Literacy including 2.4 (AS 91101) Writing portfolio.	**Course Costs**	None

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 91472	**3.1 Respond critically to significant aspects of written text(s) studied**	4	EXT	I will study significant aspects of a written text(s) in class and show my critical understanding of the text(s) in a written argument.	✓	✗	✓	✓
AS 91473	**3.2 Respond critically to significant aspects of visual or oral text(s) studied**	4	EXT	I will study significant aspects of a visual or oral text(s) in class and show my critical understanding of the text(s) in a written argument.	✓	✗	✗	✓
AS 91475	**3.4 Produce a selection of fluent, coherent writing which develops, sustains and structures ideas**	6	INT	I will plan, draft and craft at least three pieces of writing in a particular style for a writing portfolio. I will redraft two of these to publishable standard.	✓	✗	✗	✓
AS 91476	**3.5 Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas**	3	INT	I will plan and present an oral text which develops ideas to engage and challenge an audience and which runs for at least six minutes.	✓	✗	✗	✗
AS 91479	**3.8 Develop an informed understanding of literature using critical texts**	4	INT	I will examine at least two critical viewpoints on one of my class texts and present a written report on how they have influenced my own viewpoint on that text.	✓	✗	✓	✗

Total Credits	**21**
Construction and Infrastructure	21
Creative Industries	13
Manufacture and Technology	11
Primary Industries	21
Service Industries	21
Social and Community Services	21

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13ENG2L

13 English Literacy

English Department

15 Credits at Level 2 | **Eligible for Level 2 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 and at least 3 credits at Level 2 in English would be helpful but not mandatory.

Course Costs	None

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 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 91105	**2.8 Use information literacy skills to form developed conclusion(s)**	4	INT	I will investigate a topic or issue and present my research and conclusions in a report.	✓	✗	✓	✗
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.	✓	✗	✓	✗
US 3488	**Write business correspondence for a workplace**	3	INT	I will plan, write and then edit my response to suit what would be expected in the workplace.	✗	✗	✗	✗

Total Credits	**15**
Construction and Infrastructure	12
Service Industries	12
Primary Industries	12
Social and Community Services	15
Creative Industries	15
Manufacture and Technology	12

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English as a Second Language (ESL)

13EAP	13 English for Academic Purposes ESL Department

Up to 19 credits **Not Eligible for Course Endorsement**

Who is this course for?	This course provides students a pathway in cross- curricular literacy. It develops a range of academic skills, preparing students for the literacy demands of tertiary level study. English language learners working at a mid B2 level of the Common European Framework of Reference (CEFR)/ ELLP 2 Level will benefit from this class. This course contributes to the New Zealand Certificate in English Language.

Entry Requirements	None	**Course Costs**	None
BYOD Recommendations	An internet and word processing capable device such as a Chromebook or better		

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
L2 AS 91102	Construct and deliver a crafted and controlled oral text	3	INT	I will learn how to structure, support and present ideas in a class presentation for a minimum of four minutes				
L2 AS 91106 **OR**	Form developed personal responses to independently read texts, supported by evidence	4	INT	I will learn how to form developed personal responses to independently read texts, supported by evidence	✖	✖	✓	✖
L3 AS 91411	Investigate a socio-scientific issue in an Earth and Space Science context	4	INT	I will learn how to investigate a socio-scientific issue in an Earth and Space Science context	✖	✖	✓	✓
L4 US 22750 **OR**	Write a crafted text for a specified audience using a researched material in English for an academic purpose	6	INT	I will learn how to write a crafted text for a specified audience using researched material in English for an academic purpose				✓
L4 US 22749	Write a text under test conditions in English for an academic purpose	5	INT	I will learn how to write a text under test conditions in English for an academic purpose				✓
L4 US 22751	Read and process information in English for academic purposes	6	INT	I will learn how to read and process information in English for academic purposes			✓	
Total Credits		Up to 19						

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Food and Hospitality

13CHS3	13 Catering and Hospitality
	Food and Hospitality Department

20 Credits at Level 3 **Not Eligible for Course Endorsement**

Who is this course for?	Students who have achieved US 167 and want to learn more about preparing, cooking and presenting a range of egg and pasta dishes, desserts, pastries and baked products.

Entry Requirements	Unit Standard 167 (Practice food safety methods in a food business under supervision) or HOD discretion

Course Costs	None

BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US 13314	**Prepare and cook egg dishes in a commercial kitchen**	4	INT	I will prepare a range of egg dishes and will answer set questions.	✘	✘	✘	✘
US 13316	**Prepare and cook pasta dishes in a commercial kitchen**	3	INT	I will produce dishes with pasta and gnocchi as well as making sauces. I will sit a written test.	✘	✘	✘	✘
US 13310	**Prepare and produce basic hot and cold desserts in a commercial kitchen**	5	INT	I will produce and present a variety of desserts and answer related questions.	✘	✘	✘	✘
US 13322	**Prepare and cook basic pastry dishes in a commercial kitchen**	4	INT	I will make a selection of sweet and savoury pastry dishes and answer set questions.	✘	✘	✘	✘
US 13325	**Prepare and bake basic cakes, sponges, and scones in a commercial kitchen**	4	INT	I will learn how to make sponges, cakes and scones. I will demonstrate my knowledge in writing.	✘	✘	✘	✘
Total Credits		20						

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13FHS23

13 Food and Hospitality

Food and Hospitality Department

4 Credits at Level 2 and 14 Credits at Level 3 **Not Eligible for Course Endorsement**

Who is this course for?	Students who want to learn about and make both food and espresso beverages.

Entry Requirements	Open entry	**Course Costs**	None
BYOD Recommendations	Nil		

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
Level 3 US 13282	**Prepare, assemble and present complex sandwiches for service in a commercial kitchen**	2	INT	I will make a range of both hot and cold gourmet sandwiches and answer questions about them.	✖	✖	✖	✖
Level 3 US 13331	**Prepare and cook pickles, chutneys and preserves in a commercial kitchen**	4	INT	I will make a range of fruit and vegetable pickles, chutneys and preserves and demonstrate my knowledge of the processes involved.	✖	✖	✖	✖
Level 3 US 18497	**Demonstrate knowledge of culinary products and terms**	8	INT	I will learn about and be assessed on culinary products and terms	✖	✖	✖	✖
Level 2 US 17285	**Demonstrate knowledge of espresso coffee equipment and recipes**	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.	✖	✖	✖	✖
Total Credits		18						
Service Industries Level 2		4						

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Languages

13CHN3	13 Chinese
	Languages Department

24 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Students who enjoy learning Chinese, learning about the Chinese culture and who want an International Language as part of their education and skills for both personal enjoyment and future employment opportunities. Students will accept the challenge of becoming extremely confident and independent in the Chinese language and culture.

Entry Requirements	14 credits at NCEA Level 2 Chinese.	**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 91533	**3.1 Demonstrate understanding of a variety of extended spoken Chinese texts**	5	EXT	I will listen to and understand people speaking in Chinese and then answer questions about what they are discussing.	✘	✘	✘	✘
AS 91534	**3.2 Give a clear spoken presentation in Chinese that communicates a critical response.**	3	INT	I will prepare a speech in Chinese to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	✘	✘	✘	✘
AS 91535	**3.3 Interact clearly using spoken Chinese to explore and justify varied ideas and perspectives.**	6	INT	Over the year, I will record at least two conversations in Chinese I have with a classmate about different topics. I need to share information, ideas and opinions.	✘	✘	✘	✘
AS 91536	**3.4 Demonstrate understanding of a variety of extended 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.	✘	✘	✘	✘
AS 91537	**3.5 Write a variety of text types in Chinese to explore and justify varied ideas and perspectives.**	5	INT	Over the year, I will write at least two passages of Chinese about different topics conveying information, ideas and opinions.	✘	✘	✘	✘

Total Credits	24
Service Industries	16
Social and Community Services	6
Creative Industries	6

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13FRE3

13 French

Languages Department

24 Credits at Level 3 | **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 accept the challenge of becoming extremely confident and independent in the French language and culture.

Entry Requirements	14 credits at NCEA Level 2 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 91543	**3.1 Demonstrate understanding of a variety of extended spoken French texts**	5	EXT	I will listen to and understand people speaking in French and then answer questions about what they are discussing.	✘	✘	✘	✘
AS 91544	**3.2 Give a clear spoken presentation in French that communicates a critical response.**	3	INT	I will prepare a speech in French to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	✘	✘	✘	✘
AS 91545	**3.3 Interact clearly using spoken French to explore and justify varied ideas and perspectives.**	6	INT	Over the year, I will record at least two conversations in French I have with a classmate about different topics. I need to share information, ideas and opinions.	✘	✘	✘	✘
AS 91546	**3.4 Demonstrate understanding of a variety of extended 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.	✘	✘	✘	✘
AS 91547	**3.5 Write a variety of text types in French to explore and justify varied ideas and perspectives.**	5	INT	Over the year, I will write at least two passages of French about different topics conveying information, ideas and opinions.	✘	✘	✘	✘

Total Credits	24
Service Industries	16
Social and Community Services	6
Creative Industries	6

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13JAP3

13 Japanese

Languages Department

24 Credits at Level 3 | **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 accept the challenge of becoming extremely confident and independent in the Japanese language and culture.

Entry Requirements	14 credits at NCEA Level 2 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 91553	**3.1 Demonstrate understanding of a variety of extended spoken Japanese texts**	5	EXT	I will listen to and understand people speaking in Japanese and then answer questions about what they are discussing.	✖	✖	✖	✖
AS 91554	**3.2 Give a clear spoken presentation in Japanese that communicates a critical response.**	3	INT	I will prepare a speech in Japanese to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	✖	✖	✖	✖
AS 91555	**3.3 Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives.**	6	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.	✖	✖	✖	✖
AS 91556	**3.4 Demonstrate understanding of a variety of extended 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.	✖	✖	✖	✖
AS 91557	**3.5 Write a variety of text types in Japanese to explore and justify varied ideas and perspectives.**	5	INT	Over the year, I will write at least two passages of Japanese about different topics conveying information, ideas and opinions.	✖	✖	✖	✖

Total Credits	24
Service Industries	16
Social and Community Services	6
Creative Industries	6

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13MAO3

13 Te Reo Māori

Te Reo Māori Department

28 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Students who are passionate about being immersed in the Māori Language, Culture and Tikanga. 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 and Whanaungatanaga are key components of 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	12 credits at NCEA Level 2 Te Reo Māori	**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 91650	**3.1 Whakarongo kia mohio ki te reo Maori o te ao whanui**	4	INT	I will learn how to answer questions pertaining to an aural text or translate understanding of what was heard in Te Reo Maori.	✓	✗	✗	✗
AS 91651	**3.2 Kōrero kia whakamahi i te reo Māori o te ao whanui**	6	INT	Over the year, I will prepare three short speeches on chosen topics in Te Reo Māori to demonstrate my understanding of the spoken language.	✓	✗	✗	✗
AS 91652	**3.3 Pānui kia mōhio ki te reo Māori o te ao whanui**	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 91653	**3.4 Tuhi i te reo Māori o te ao whanui**	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 300 words in Te Reo Māori.	✓	✗	✗	✓
AS 91654	**3.5 Waihanga tuhinga i te reo Māori o te ao whanui**	6	INT	Over the year I will plan, write and then craft to my best three original pieces of at least 300 words.	✓	✗	✗	✓

Total Credits	28
Service Industries	28
Social and Community Services	28
Creative Industries	28
Primary Industries	28
Construction and Infrastructure	28
Manufacture and Technology	28

13SAM3

13 Samoan

Languages Department

24 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students who are genuinely passionate about learning the Samoan Language, culture and customs. Students who want to learn a Pacific language and a community language of New Zealand as part of their education and skills for both personal enjoyment and future employment opportunities. There will be a strong focus on *Tu ma Aga Fa`asāsmoa* which relates to having respect for self, respect for others and respect for the community as a whole in everday 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 2 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 91563	**3.1 Demonstrate understanding of a variety of extended spoken Samoan texts**	5	EXT	I will listen to and understand people speaking in Samoan and then answer questions about what they are discussing.	x	✖	✖	✖
AS 91564	**3.2 Give a clear spoken presentation in Samoan that communicates a critical response.**	3	INT	I will prepare a speech in Samoan to some of my classmates communicating information, ideas and opinions. I can have notes and it is recorded on video.	x	✖	✖	✖
AS 91565	**3.3 Interact clearly using spoken Samoan to explore and justify varied ideas and perspectives.**	6	INT	Over the year, I will record at least two conversations in Samoan I have with a classmate about different topics. I need to share information, ideas and opinions.	x	✖	✖	✖
AS 91566	**3.4 Demonstrate understanding of a variety of extended written and/or visual Samoan texts**	5	EXT	I will read and understand passages of Samoan and then answer questions in English about these passages.	x	✖	✖	✖
AS 91567	**3.5 Write a variety of text types in Samoan to explore and justify varied ideas and perspectives.**	5	INT	Over the year, I will write at least two passages of Samoan about different topics conveying information, ideas and opinions.	x	✖	✖	✖

Total Credits	24
Service Industries	20
Social and Community Services	10
Creative Industries	15
Primary Industries	9

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Mathematics

13MAC3	13 Mathematics with Calculus
	Mathematics Department

21 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Mathematics with Calculus for students with an excellent grasp of Algebra, Graphing techniques, Calculus and Trigonometry. Calculus is a prerequisite for tertiary mathematics courses and many physical sciences, engineering and economics courses (particularly finance).

Entry Requirements	More than 12 credits gained in NCEA Level 2 Mathematics and Statistics AND Merit or better in AS 91261 Algebra or AS 91262 Calculus

Course Costs	None

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 91574	**3.2 Apply linear programming methods in solving problems**	3	INT	I will use Linear programming techniques to find an optimal solution for a problem in a one period examination.	✗	✓	✗	✗
AS 91575	**3.3 Apply trigonometric methods in solving problems**	4	INT	I will use trigonometric relationships to model measurement situations and solve problems in test conditions.	✗	✓	✗	✗
AS 91577	**3.5 Apply the algebra of complex numbers in solving problems**	5	EXT	I will solve problems using Complex Number concepts.	✗	✓	✗	✗
AS 91578	**3.6 Apply differentiation methods in solving problems**	6	EXT	I will apply differentiation techniques for a variety of functions to solve problems.	✗	✓	✗	✗
AS 91579	**3.7 Apply integration methods in solving problems**	6	EXT	I will apply integration techniques to solve differential equations, and solve practical problems.	✗	✓	✗	✗

Total Credits	24
Construction and Infrastructure	19
Manufacture and Technology	19
Primary Industries	15
Social and Community Services	6

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13MAS3

13 Mathematics with Statistics

Mathematics Department

20 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Mathematics with Statistics. An academically demanding course for students with a good understanding of Level 2 Statistics, Probability and Graphs. Statistics is studied by two thirds of University of Auckland undergraduate students so is beneficial to almost all disciplines. This course is particularly useful to any students wishing to study the biological or physical sciences, medicine and commerce.

Entry Requirements	More than 12 credits gained in NCEA Level 2 Mathematics and Statistics AND Merit or better in AS 91267 Probability or AS 91264 Inferences.

Course Costs	None

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 91581	**3.9 Investigate bivariate measurement data**	4	INT	I will plan, perform and write up a report investigating relationships in a Bivariate Data Set using the Statistical Inquiry Cycle.	✓	✓	✗	✗
AS 91582	**3.10 Use statistical methods to make a formal inference**	4	INT	I will plan, perform and write up a report to make inferences about a population from a sample using the Statistical Inquiry Cycle.	✓	✓	✗	✗
AS 91575	**3.11 Conduct an experiment using experimental design principals**	4	INT	I will design and conduct a randomised experiment.	✓	✓	✗	✗
AS 91585	**3.13 Apply probability concepts in solving problems**	4	EXT	I will use probability concepts to explore situations involving chance.	✗	✓	✗	✗
AS 91586	**3.14 Apply probability distributions in solving problems**	4	EXT	I will use probability distribution models to explore situations involving chance.	✗	✓	✗	✗
AS 91587	**3.15 Apply systems of simultaneous equations in solving problems**	3	INT	I will investigate, form and manipulate systems of equations to solve problems in a one period examination.	✗	✓	✗	✗

Total Credits	23
Construction and Infrastructure	3
Manufacture and Technology	3
Primary Industries	23
Service Industries	16
Social and Community Services	16
Creative Industries	4

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13MAT3

13 Mathematics

Mathematics Department

20 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Level 3 General Mathematics. A University approved course for students with a good understanding of Level 2 Mathematics and Statistics which will give a good grounding across Level 3 Mathematics and Statistics concepts.

Entry Requirements	More than 12 credits gained in NCEA Level 2 Mathematics and Statistics with Achieved or better in at least one Maths/Algebra AS and at least one Statistics/Probability AS

Course Costs	None

BYOD Recommendations	Laptop or Chromebook Graphics Calculator required

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91574	**3.2 Apply linear programming methods in solving problems**	3	INT	I will use Linear programming techniques to find an optimal solution for a problem in a one period examination.	✗	✓	✗	✗
AS 91576	**3.4 Use critical path analysis in solving problems**	2	INT	I will use critical path techniques and networks to plan a multistep project.	✗	✓	✗	✗
AS 91581	**3.9 Investigate bivariate measurement data**	4	INT	I will plan, perform and write up a report investigating relationships in a Bivariate Data Set using the Statistical Inquiry Cycle.	✓	✓	✗	✗
AS 91575	**3.11 Conduct an experiment using experimental design principals**	4	INT	I will design and conduct a randomised experiment.	✓	✓	✗	✗
AS 91584	**3.12 Evaluate Statistical based reports**	4	EXT	I will evaluate experimental and observation statistical studies and use informal confidence intervals to comment on findings.	✓	✓	✗	✓
AS 91587	**3.15 Apply systems of simultaneous equations in solving problems**	3	INT	I will investigate, form and manipulate systems of equations to solve problems in a one period examination.	✗	✓	✗	✗

Total Credits	20
Construction and Infrastructure	8
Manufacture and Technology	6
Primary Industries	20
Service Industries	8
Social and Community Services	10

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13MAT3I

13 Mathematics Internal

Mathematics Department

19 Credits at Level 3 | **Not Eligible for Course Endorsement**

Who is this course for?	This course is for students who have had achieved some Level 2 Mathematics and wish to continue with Mathematics. A UE approved subject for Mathematics Domain.

Entry Requirements	More than 8 credits gained in NCEA Level 2 Mathematics and Statistics AND Achieved or better in Level 1 Algebra AS 91027 or Level 2 Equations AS 91269

Course Costs	None

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 91574	**3.2 Apply linear programming methods in solving problems**	3	INT	I will use Linear programming techniques to find an optimal solution for a problem in a one period examination.	✗	✓	✗	✗
AS 91576	**3.4 Use critical path analysis in solving problems**	2	INT	I will use critical path techniques and networks to plan a multistep project.	✗	✓	✗	✗
AS 91581	**3.9 Investigate bivariate measurement data**	4	INT	I will plan, perform and write up a report investigating relationships in a Bivariate Data Set using the Statistical Inquiry Cycle.	✓	✓	✗	✗
AS 91575	**3.11 Conduct an experiment using experimental design principals**	4	INT	I will design and conduct a randomised experiment.	✓	✓	✗	✗
AS 91587	**3.15 Apply systems of simultaneous equations in solving problems**	3	INT	I will use simultaneous equations techniques to solve problems	✗	✓	✗	✗
US 28099	**Analyse credit options and select strategies to manage personal finances**	3	INT	I will use financial strategies to plan how to manage personal finances.				

Total Credits	19
Construction and Infrastructure	8
Manufacture and Technology	6
Primary Industries	16
Service Industries	4
Social and Community Services	6
Creative Industries	-

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Media Studies

13MED3	13 Media Studies
	Media Studies Department

Up to 20 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Media Studies is for students who want to actively explore, analyse, create, and enjoy the media and its products. In 13 MED you will: • Learn how to interpret a film through different lenses. • Examine the relationship between a media genre and society. • Research and write an online feature article OR a write screenplay for a short film • Hone your visual storytelling abilities and plan and produce a researched documentary film. Media Studies can lead to a career or qualification in Communications, Journalism, Film and/or Television at university and other tertiary institutions.

Entry Requirements	A minimum of 12 credits in Level 2 Media Studies, English, Classical Studies, or History, or at the discretion of the HOD.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91491 (Optional)	**3.2 Demonstrate understanding of the meaning of a media text through different readings**	3	INT	I will read a film through different lenses, and analyse how meaning is affected. I will present my findings in a written report or oral seminar.	✓	✗	✗	✗
AS 91493	**3.4 Demonstrate understanding of a relationship between a media genre and society**	4	EXT	I will study a film or TV genre and consider how it reflects society, showing my understanding in a written essay.	✓	✗	✓	✓
AS 91494	**3.5 Produce a design for a media product that meets the requirements of a brief**	4	INT	I will work alone or collaboratively to plan a documentary with a layered narrative that engages an audience.	✓	✗	✗	✗
AS 91495	**3.6 Produce a media product to meet the requirements of a brief**	6	INT	I will work alone or collaboratively to film and edit a documentary that engages an audience.	✓	✗	✗	✗
AS 91497	**3.8 Write a media text to meet the requirements of a brief**	3	INT	I will write an online feature article or a screenplay that demonstrates understanding and control of conventions.	✓	✗	✗	✓
Total Credits		Up to 20						
Creative Industries		Up to 20						

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Music

13MSS3	13 Music Studies
	Music Department

24-46 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Experienced performers who also wish to widen their musical knowledge so that they can compose and/or analyse music in-depth. A pathway to tertiary study

Entry Requirements	12 credits in Year 12MSS2, 5th year learning an instrument.	**Course Costs**	None

BYOD Recommendations	A Laptop Computer

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91416	**3.1 Perform two programmes of music as a featured soloist**	8	INT	I will practise daily at home, attend weekly lessons and perform two solo programmes to an audience – at least four pieces.	✘	✘	✘	✘
AS 91418	**3.3 Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group.**	4	INT	I will rehearse in class time to prepare a programme of two pieces and perform in front of an audience.	✘	✘	✘	✘
AS 91419	**3.4 Communicate musical intention by composing three original pieces of music.**	8	INT	I will create, record and use music notation to visually represent three original compositions. I provide a brief, explaining the creative ideas behind the pieces.	✘	✘	✘	✘
AS 91420	**3.5 Integrate aural skills into written representation**	4	EXT	I will listen to a range of music then apply my skills of transcribing and describing music to show knowledge of the musical elements and features.	✘	✘	✘	✘
AS 91421	**3.6 Demonstrate understanding of harmonic and tonal conventions in a range of music scores.**	4	EXT	I can identify and write chords and cadences using Jazz Chords and Roman Numerals. I can explain the relationship between melody and chords in pieces.	✘	✘	✘	✘
AS 91424	**3.9 Create two arrangements for an ensemble**	4	INT	Starting from a lead sheet I will structure and create two musical scores for an ensemble to play.	✘	✘	✘	✘
AS 91425	**3.10 Research a music topic.**	6	INT	Starting from a research question, I will gather and process evidence from a range of sources then write a report giving valid conclusions.	✓	✘	✓	✘
AS 91849	**3.11 Compose three original songs that express imaginative thinking.**	8	INT	I will create the lyrics and music for three original songs while also including an audio recording and chord/lyric sheet as well as other more detailed written representation.	✓	✘	✘	✘
Total Credits		24-46						
Creative Industries		46						

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13MKM3

13 Making Music

Music Department

24-38 Credits at Level 3 | **Not Eligible for Course Endorsement**

Who is this course for?	Experienced performers who wish to improve their performances and composition skills. A pathway to tertiary courses involving performance and music technology.

Entry Requirements	12 credits in 12MKM2, 5th year learning an instrument.	**Course Costs**	None
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 91416	**3.1 Perform two programmes of music as a featured soloist**	8	INT	I will practice daily at home, attend weekly lessons and perform two solo programmes – a minimum of four pieces in total.	✘	✘	✘	✘
AS 91417	**3.2 Perform a programme of music as a featured soloist on a second instrument.**	4	INT	I will prepare and perform two substantial pieces on an instrument or voice	✘	✘	✘	✘
AS 91418	**3.3 Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group.**	4	INT	I will rehearse in class time to prepare a programme of two pieces and perform in front of an audience.	✘	✘	✘	✘
AS 91419	**3.4 Communicate musical intention by composing three original pieces of music.**	8	INT	I will create, record and use music notation to visually represent three original compositions, providing a brief explaining the creative ideas behind the pieces.	✘	✘	✘	✘
AS 91425	**3.10 Research a music topic**	6	INT	Starting from a research question, I will gather and process evidence from a range of sources then write a report giving valid conclusions.	✓	✘	✓	✘
AS 91849	**3.11 Compose three original songs that express imaginative thinking.**	8	INT	I will create the lyrics and music for three original songs while also including an audio recording and chord/lyric sheet as well as other more detailed written representation.	✘	✘	✘	✘
US 23730	**Operate music sequencing, editing and music notation application(s)**	8	INT	I will create an advanced sequence and comprehensively notated score while showing thorough knowledge of editing, mixing, capturing, bouncing storing music digitally and confidently using technical language to explain the features and functions used.	✘	✘	✘	✘

Total Credits	24-38
Creative Industries	20

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Performing Arts

13DAN3	13 Dance Performing Arts Department

20 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	This course builds on the knowledge and skills gained in Level 2 Dance. Students will deepen understanding of choreographic processes. Confidence to perform contrasting dance styles to an audience is a must. Students will analyse dance performance or the development of dance in Aotearoa/New Zealand. It is possible to increase the amount of credits available in this course through extra-curricular performance opportunities – see the HOD for details. Performing Arts subjects are collaborative and all internal assessments are group based. If you intend to take a Performing Arts subject, you must be aware that good attendance is mandatory.

Entry Requirements	16 credits in Level 2 Dance, or by consultation with HOD.
Course Costs	None
BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91589	**3.2 Choreograph a dance to develop and resolve ideas**	4	INT	I will choreograph a group dance work using choreographic processes, devices, structures, and technologies to communicate a choreographic intention.	✘	✘	✘	✘
AS 91590	**3.3 Perform a solo or duet dance**	4	INT	I will apply rehearsal and performance skills in a solo or duet dance using appropriate techniques and expression to communicate specific intentions.	✘	✘	✘	✘
AS 91591	**3.4 Perform a group dance**	4	INT	I will learn a group dance that develops my ensemble awareness, dance technique and ability to communicate meaning. I will need to have awareness of formations and transitions.	✘	✘	✘	✘
AS 91593	**3.6 Demonstrate understanding of dance performance practices**	4	INT	I will show understanding of rehearsal processes and performance skills to enhance my communication and expression within dance works I perform throughout the year	✘	✘	✘	✘
AS 91594	**3.7 Analyse a dance performance**	4	EXT	I will learn to critically analyse, interpret, and evaluate the artistic features and the communication of ideas in a dance work.	✓	✘	✘	✓
Total Credits		20						
Creative Industries		20						

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13DRA3

13 Drama

Performing Arts Department

Up to 22 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course is thematically concerned with New Zealand history and theatre. Other topics covered include acting techniques, Brechtian Epic Theatre, devising new theatre and analysing live performance. Students will have the opportunity to perform in a variety of contexts. There is a large theory component to this course, and students will need to have the skills to work independently. Confidence is also a must – to achieve, students must portray a credible interpretation of a role. 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	16 credits in Level 2 Drama or by consultation with HOD
Course Costs	None
BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91512	**3.1 Interpret scripted text to integrate drama techniques in performance**	4	INT	I will choose an extract from a play and integrate the drama techniques to portray one or multiple characters. I will need to read and consider the whole play in making my acting decisions.	✓	✗	✓	✗
AS 91513	**3.2 Devise and perform a drama to realise a concept**	5	INT	I will work by myself or in a small group of 2-4 to create a drama based on a theme. I will select and use drama elements, conventions and technologies to develop and refine my ideas to realise a concept.	✓	✗	✗	✗
AS 91515 (Optional)	**3.4 Select and use complex performance skills associated with a drama form or period.**	4	INT	In the above performance (3.2) which I have devised, I will also show understanding of the work of Brecht and Epic Theatre in my performance practically and through research and exploration of the features of this genre of theatre.	✓	✗	✓	✗
AS 91517	**3.6 Perform a substantial acting role in a significant production**	5	INT	I will prepare for, perform and sustain a substantial acting role in a live performance in front of an audience. I will learn the playwright's intention of the play and how to take direction from my teacher, guest director or another class member.	✓	✗	✓	✗
AS 91518	**3.7 Demonstrate understanding of live drama performance**	4	EXT	I will see one or more live drama performances and learn the connections between the drama components and the director's and/or designer's concept and the effect the resulting performance has on the audience.	✓	✗	✗	✓

Total Credits	Up to 22
Creative Industries	Up to 22
Services Industries	5

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Physical Education and Health

13SPS3	13 Sports Science
	Physical Education and Health Department

20 Credits at Level 3	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, improved performance and 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 responsible behaviour.

Entry Requirements	14 credits in 12SPS2 including 2.2 (AS 91328) or HOD discretion. PE uniform.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91499	**3.2 Analyse a physical skill performed by self of others**	3	INT	I will analyse a physical skill using biomechanical analysis. Provide feedback/feed forward in order to suggest improvements in performance.	✓	✗	✗	✗
AS 91500	**3.3 Evaluate the effectiveness of a performance improvement programme**	4	INT	I will complete a training programme leading up to a specific event. Training will be for the 3.4 events and explain the effectiveness of the programme.	✓	✓	✗	✗
AS 91501	**3.4 Demonstrate quality performance of a physical activity in an applied setting**	4	INT	I will have two opportunities to be assessed against National Developed Standards: Training completed in class for Tough Guy/Gal Challenge 6km and Onehunga 10km Run	✗	✓	✗	✗
AS 91502	**3.5 Examine a current physical activity, event, trend or issue and its impact on NZ society**	4	INT	I will examine the Hamilton Sevens event and the impact it has on NZ Society, including opinions, barriers/enablers and SPEECH factors.	✓	✗	✓	✗
AS 91503	**3.6 Evaluate the use of health promotion to influence participation in physical activity**	5	INT	I will use the Action Competence Learning Process to influence participation in physical activity	✓	✗	✗	✗

Total Credits	20
Service Industries	20
Social and Community Service	12
Creative Industries	11

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13EPR3

13 Exercise Prescription

Physical Education and Health Department

24 Credits at Level 3 | **Not 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 12EPR2 including 2.4 (AS 91330) or HOD discretion. PE uniform.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
US. 7021	**Demonstrate exercise techniques**	8	INT	I will identify muscle groups and systems targeted by standard exercises, and demonstrate correct form in all standard resistance training and free standing exercises.	✘	✘	✘	✘
US 22768	**Conduct and review a beginner level coaching session**	6	INT	I will prepare self, materials, and equipment for coaching session; conduct session according to session plan; and review session against plan.	✘	✘	✘	✘
US 22771	**Plan a beginner level coaching session for sports participants**	6	INT	I will explain and prioritise the objectives of a beginner level coaching session; selecting activities to achieve objectives; planning equipment, safety, and coaching requirements of each activity.	✘	✘	✘	✘
AS 91501	**3.4 Demonstrate quality performance of a physical activity in an applied setting**	4	INT	I will have two opportunities to be assessed against the National Developed Standards: Training to be completed in class for Tough Guy/Gal Challenge 6km or Onehunga 10km Run.	✘	✓	✘	✘
Total Credits		24						
Service Industries		4						

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13HEA3

13 Health

Physical Education and Health Department

19 Credits at Level 3 | **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 health issues, health practices and ethical issues in society.

Entry Requirements	10 credits in 12HEA2 including 1 external level 2 AS. HOD approval if not meet entry requirements.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91461	**3.1 Analyse a New Zealand Health Issue**	5	INT	I will write a report to show understanding of a health issue within New Zealand, understanding the influences surrounding the issue, its consequences on a variety of groups and possible strategies to address the health issue.	✓	✗	✓	✗
AS 91462	**3.2 Analyse an International Health Issue**	5	EXT	In the External examination at the end of the year, I will answer questions regarding a chosen International Health issue. The questions will address similar contexts and principles of 3.1 above.	✓	✗	✓	✓
AS 91463	**3.3 Evaluate health practices currently used in New Zealand**	5	INT	I will investigate three different health practices that are available in New Zealand for a common health condition. I will analyse the philosophy of each, the pros and cons and make comparisons between them in a report	✓	✗	✓	✗
AS 91464	**3.4 Analyse a contemporary ethical issue in relation to Wellbeing**	4	INT	I will research an ethical issue in New Zealand or the world and find out the supporting and opposing views of different groups in society.	✓	✗	✓	✗

Total Credits	19
Primary Industries	14
Service Industries	19
Social and Community Services	19

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Science

13BIO3	13 Biology
	Science Department

22 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students who are interested in finding out about how and why living thing, including humans, came into existence and became the species they are today.

Entry Requirements	Three standards at a minimum of Achieved including one external at Level 2 Biology.	**Course Costs**	$30.00 for optional EOTC trip

BYOD Recommendations	Nil

Standard (AS)	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91602	**3.2 Integrate biological knowledge to develop an informed response to a socio-scientific issue**	3	INT	I will research a "burning issue" in biology.	✓	✗	✓	✗
AS 91603	**3.3 Demonstrate understanding of the responses of plants and animals to their external environment**	5	EXT	I will learn about earth's plants and animals.	✓	✗	✓	✓
AS 91604	**3.4 Demonstrate understanding of how an animal maintains a stable internal environment**	3	INT	I will learn about how humans regulate their bodies.	✓	✗	✓	✗
AS 91605	**3.5 Demonstrate understanding of evolutionary processes leading to speciation**	4	EXT	I will learn about the processes that have shaped all living things on earth.	✓	✗	✓	✓
AS 91606	**3.6 Demonstrate understanding of trends in human evolution**	4	EXT	I will learn about how we have evolved to become who we are today.	✓	✗	✓	✓
AS 91607	**3.7 Demonstrate understanding of human manipulations of genetic transfer and its biological implications.**	3	INT	I will learn how scientists can manipulate genes to alter the characteristics of a species.	✓	✗	✓	✗

Total Credits	**22**
Manufacture and Technology	10
Primary Industries	22
Social and Community Services	13

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13CHE3

13 Chemistry

Science Department

Up to 24 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students who have developed understanding of chemistry at level 2 and wish to explore chemistry more fully or intending to study in the fields of Science, Technology, Engineering or Medicine at university.

Entry Requirements	Achievement for three level 2 chemistry standards (either the internal assessment or practice examination/external for an external standard), one of which must be from: AS 91164, AS 91165, AS 91166. (The Level 2 Chemistry external standards)

Course Costs	None

BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91388	**3.2 Demonstrate understanding of spectroscopic data in chemistry**	3	INT	I will develop the skills and knowledge to determine the identity of organic molecules from spectroscopic data.	✘	✘	✘	✘
AS 91389 (Optional)	**3.3 Demonstrate understanding of chemical processes in the world around us.**	3	INT	Researching the chemistry associated with ocean acidification and the wider impacts on ocean ecology.	✓	✘	✓	✓
AS 91390	**3.4 Demonstrate understanding of thermochemical principles and the properties of particles and substances**	5	EXT	I will develop an understanding of the fundamental structures of atoms, ions and molecules along with the thermochemical principles of entropy and enthalpy to explain trends, properties, reactions and energy changes.	✓	✘	✘	✘
AS 91391	**3.5 Demonstrate understanding of the properties of organic compounds**	5	EXT	I will explore, describing and discussing organic chemicals and their reactions, through both theoretical and practical chemistry.	✓	✘	✘	✘
AS 91392	**3.6 Demonstrate understanding of equilibrium principles in aqueous systems**	5	EXT	I will study how the behaviour of aqueous systems, such as acids and bases, can be explained and predicted by equilibrium principles and calculations.	✓	✓	✘	✘
AS 91393	**3.7 Demonstrate understanding of oxidation-reduction processes**	3	INT	Through a mixture of theory and hands-on practical, I will develop an understanding of the class of redox reactions known collectively as electrochemistry.	✓	✘	✘	✘

Total Credits	**Up to 24**
Construction and Infrastructure	Up to 24
Manufacture and Technology	Up to 24
Service Industries	5
Primary Industries	Up to 24
Social and Community Services	Up to 24

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13PHX3

13 Physics

Science Department

23 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students who have developed an understanding of physics at level 2 and wish to progress their depth of knowledge. Competence in mathematics is an advantage.

Entry Requirements	Three standards at a minimum of Achieved and including one external at Level 2 Physics in AS 91170, AS 91171, AS 91173.

Course Costs	None

BYOD Recommendations	Nil

Standard	Title	Credits	INT/EXT	What will I be doing?	Level 2		UE Literacy	
					lit	num	R	W
AS 91521	**3.1 Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship**	4	INT	I will plan an experiment and process data to investigate a physical relationship.	✓	✖	✖	✖
AS 91525	**3.5 Demonstrate understanding of Modern Physics**	3	INT	I will relate energy to nuclear reactions and electron transitions.	✓	✖	✖	✖
AS 91523	**3.3 Demonstrate understanding of wave systems**	4	EXT	I will be examining the interaction of waves in the contexts of light and sound.	✓	✖	✖	✖
AS 91524	**3.4 Demonstrate understanding of mechanical systems**	6	EXT	I will be examining the concepts associated with rotating and oscillating systems.	✓	✖	✖	✖
AS 91526	**3.6 Demonstrate understanding of electrical systems**	6	EXT	I will be examining the concepts of associated with DC and AC circuits.	✓	✖	✖	✖

Total Credits	**23**
Construction and Infrastructure	23
Manufacture and Technology	23
Primary Industries	16
Social and Community Services	23

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Social Sciences

13CLA3	13 Classical Studies
	Social Science Department

20 Credits at Level 3 **Eligible for Course Endorsement**

Who is this course for?	Students with a solid basic reading and writing skills who enjoy learning about the ancient world. This course studies Ancient Roman history, politics, literature and art. It is a wide ranging and challenging subject. Students will think about, question and analyse the thoughts, words and actions of some of the most interesting characters in history.

Entry Requirements	A minimum of 16 credits in Level 2 Classical Studies, English or History, plus UE literacy.
Course Costs	None
BYOD Recommendations	WiFi 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 91397	**3.4 Demonstrate understanding of significant ideologies in the ancient world**	6	INT	I will learn about the rise of Augustus to the position of Emperor through violence, intimidation, bribery and propaganda. I will then write a report analysing his political, moral and religious ideologies.	✓	✗	✓	✗
AS 91398	**3.5 Demonstrate understanding of the lasting influence of the classical world on other cultures across time**	6	INT	I will learn about the story of the Trojan hero, Aeneas, and then write a report discussing the lasting influences of Virgil's hero, Aeneas; Homer's Greek hero, Odysseus; and a modern day hero of my choice.	✓	✗	✓	✗
AS 91395	**3.2 Analyse the significance of a work(s) of art in the classical word**	4	EXT	I will learn about Ancient Roman 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 91394	**3.1 Analyse ideas and values of the classical world**	4	EXT	I will learn about Virgil's The Aeneid 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		20						
Creative Industries		20						

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13GEO3

13 Geography

Social Science Department

Up to 22 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students who want to deepen their understanding of the world we live in and also want to gain a solid preparation for studying Geography or related disciplines at a tertiary level.

Entry Requirements	A total of 12 Level 2 AS credits from English, Geography, History or a Science subject.
Course Costs	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
AS 91426	**3.1 How interacting natural processes shape a NZ environment**	4	EXT	I will be exploring a coastal environment and examining the forces and processes that have formed and change it.	✓	✗	✓	✓
AS 91429	**3.4 Demonstrate understanding of a given environment applying geographic concepts and skills**	4	EXT	I will interpret resources and then apply geographic skills and concepts to them.	x	✗	✓	✓
AS 91428	**3.3 Analyse a significant contemporary event from a geographic perspective.**	3	INT	I will study a significant contemporary event and understand the social, economic and environmental impacts of this event.	✓	✗	✓	✗
AS 91430 (Optional)	**3.5 Conduct geographic research with consultation**	5	INT	I will conduct research around a geographic topic that will involve collecting and explaining data as it relates to my aim.	✓	✓	✗	✗
AS 91431	**3.6 Analyse aspects of a contemporary geographic issue**	3	INT	I will examine a current issue happening in the world and look at the ways it affects people and their environment.	✓	✗	✓	✗
AS 91432	**3.7 Analyse aspects of a geographic topic at a global scale**	3	INT	I will examine a geographic issue occurring in the world and look at the ways it affects people and their environment.	✓	✗	✗	✗

Total Credits	Up to 22
Construction and Infrastructure	4
Service Industries	Up to 22
Primary Industries	11
Social and Community Services	3
Creative Industries	6

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13HIS3

13 History

Social Science Department

22 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	Students with solid basic reading and writing skills who enjoy thinking about issues, finding out who, what, when and why in the past, in New Zealand and other countries.

Entry Requirements	12 credits in Level 2 English or History	**Course Costs**	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
AS 91434	**3.1 Research an historical event of significance to New Zealanders**	5	INT	I will create questions about an historical event that is significant to New Zealanders and research and find primary and secondary resources and evaluate the process.	✓	✗	✓	✗
AS 91435	**3.2 Examine an historical event of significance to New Zealanders**	5	INT	I will use the information from AS91434 to create a written analysis about the details of the chosen event.	✓	✗	✓	✗
AS 91438	**3.5 Analyse the causes and consequences of a significant historical event**	6	EXT	I will analyse and describe the causes and consequences of an event in the past in essay form.	✓	✗	✓	✓
AS 91439	**3.6 Analyse a significant historical trend and the force(s) that influenced it**	6	EXT	I will analyse a significant historical trend and the force(s) that influenced it, in essay form.	✓	✗	✓	✓

Total Credits	22
Service Industries	10
Primary Industries	10
Creative Industries	5

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13TRM3

13 Tourism

Social Science Department

27 Credits at Level 3 | **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 Australia and the Pacific Islands.

Entry Requirements	None	**Course Costs**	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
Level 2 US 2473 (Optional)	**Tourism Characteristics**	3	INT	I will create a brief overview of the common characteristics of international and domestic tourists.	✘	✘	✘	✘
Level 3 US 18211	**Destination Australia**	5	INT	I will look at the attractions, activities, accommodation and transport links for each state of Australia.	✘	✘	✘	✘
Level 3 US 3727	**Destination Pacific Islands**	5	INT	I will look at the attractions, activities, accommodation and transport links for a variety of Pacific island groups.	✘	✘	✘	✘
Level 3 US 18212	**Destination New Zealand**	8	INT	I will look at the attractions, activities, and accommodation and transport links for each region of New Zealand.	✘	✘	✘	✘
Level 3 US 24733	**Describe and promote a New Zealand tourist destination**	5	INT	I will describe and promote a New Zealand tourist destination.	✘	✘	✘	✘
Level 3 US 24725	**Economic significance of Tourism**	4	INT	I will describe and analyse the economic significance of Tourism	✘	✘	✘	✘
Total Credits		27						
Service Industries		27						

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Technology

13DSM3	13 Design with Soft Materials
	Technology Department

Up to 20 Credits at Level 3	Eligible for Course Endorsement

Who is this course for?	This course is for students who are interested in refining a wide range of fundamental and transferable design skills and have a particular interest in Apparel and Fashion design. Students will explore new construction techniques and undertake complex techniques with confidence and independence. Students can choose to enter Design and Visual Communication Scholarship using their design portfolio as the basis for this submission.

Entry Requirements	12 credits from 12DSM.

Course Costs	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91627	3.30 Initiate design ideas through exploration.	4	EXT	I will learn to refine my existing visual communication skills and explore a broader range of techniques as I undertake ideation.	✘	✘	✘	✘
AS 91630	3.31 Resolve a product design through graphics practice	6	INT	I will apply an in depth design development process to a Product design context.	✘	✘	✘	✘
AS 91621	3.21 Implement complex procedures using textile materials to make a specified product	6	INT	I will plan for and undertake complex construction procedures to make a garment or soft materials product.	✘	✘	✘	✘
AS 91623 (Optional)	3.23 Implement complex procedures to create an applied design for a specified product.	4	INT	I will plan for and undertake complex procedures using textile materials and related techniques as part of the construction of a garment or soft materials product.	✘	✘	✘	✘

Total Credits	Up to 20
Construction and Infrastructure	Up to 20
Manufacture and Technology	Up to 20
Primary Industries	4
Service Industries	4
Creative Industries	Up to 20

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13DVC3

13 Design and Visual Communication

Technology Department

16 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course is aimed at students considering pathways leading into Architecture, Landscape Architecture, Town Planning, Product Design and Engineering as well as other Product or Spatial design related areas. Students will 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 modelling, CAD, freehand and technical communication techniques that enable them to develop and present their design ideas with flair. Scholarship available.

Entry Requirements	12 credits from 12DVC2.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91627	**3.30 Initiate design ideas through exploration.**	4	EXT	I will learn refine my existing visual communication skills and explore a broader range of techniques as I undertake ideation.	✖	✖	✖	✖
AS 91630	**3.33 Resolve a product design through graphics practice**	6	INT	I will apply an in depth design development process to a product design context.	✖	✖	✖	✖
AS 91629	**3.32 Resolve a spatial design through graphics practice**	6	INT	I will apply an in depth design development process to a Spatial design context.	✖	✖	✖	✖

Total Credits	16
Construction and Infrastructure	16
Manufacture and Technology	16
Primary Industries	10
Creative Industries	16
Service Industries	4

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13TCE3

13 Electronics and Programming

Technology Department

Up to 19 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course is designed for students who enjoy enquiring into the broad social impacts of digital electronics and are interested in designing and developing complex Electronic projects. This course will give students foundational knowledge that supports pathways such as (but not limited to) Engineering, Electro-technology and Applied Information Technology.

Entry Requirements	12 credits from 12TCE2.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91900	**3.1 Conduct a critical inquiry to propose a digital technologies outcome**	6	INT	I will undertake an inquiry and use this to inform a proposal for an outcome	✓	✗	✗	✗
AS 91904	**3.5 Use complex techniques to develop an electronic outcome**	6	INT	I will learn how to undertake complex techniques when developing an electronic outcome	✗	✗	✗	✗
AS 91614 (Optional)	**3.7 Demonstrate understanding of operational parameters in complex and highly complex technological systems**	4	EXT	I will explain the way operational parameters work in a complex and highly complex system	✓	✗	✓	✓
AS 91908	**3.10 Present a reflective analysis of developing a digital outcome**	3	EXT	I will reflect on the way that I developed my own digital outcome	✓	✗	✗	✗

Total Credits	Up to 19
Construction and Infrastructure	4
Manufacture and Technology	4

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13TMM3

13 Technology Multi-Materials

Technology Department

16 Credits at Level 3 | **Eligible for Course Endorsement**

Who is this course for?	This course is for students who want to build on their prior knowledge of materials and manufacturing processes in addition to learning how material selection impacts on product performance and the ability to create high quality well-crafted products. Students will focus on developing both practical and design skills with a focus on prototyping and modelling. This course leads to careers in the Engineering, Construction, Manufacturing, Infrastructure and Technology sector.

Entry Requirements	12 credits from 12TMM2 and the MRGS Workshop Health and Safety Certificate.	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91610	**3.3. Develop a conceptual design considering fitness for purpose in the broadest sense**	6	INT	I will develop a conceptual design considering fitness for purpose in the broadest sense.	✓	✗	✗	✗
AS 91611	**3.4 Develop a prototype**	6	INT	I will develop a prototype considering fitness for purpose in the broadest sense. I will consider the suitability of materials and/or components, practical techniques and processes, while selecting suitable resources and techniques to make the prototype.	✓	✗	✗	✗
AS 91612	**3.5 Demonstrate understanding of how technological modelling supports technological development and implementation.**	4	EXT	I will explain how functional modelling is used to test competing and/or contestable factors and inform decisions during the development of a technological outcome and how prototyping is used to inform decisions for implementation of a technological outcome.	✓	✗	✗	✓

Total Credits	16
Construction and Infrastructure	16
Manufacture and Technology	16
Primary Industries	12
Creative Industries	12

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13TDP3

13 Trades Preparation

Technology Department

Up to 13 Credits at Level 3 | **Not Eligible for Course Endorsement**

Who is this course for?	This course is designed for students who are interested in pursuing a trade's based pathway. This course will enable you to further develop important practical skills, knowledge of machinery and tools and health and safety practices.

Entry Requirements	12 credits from 12BCT2	**Course Costs**	None

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

Standard	Title	Credits	INT/EXT	So what will I be doing?	Level 1		UE Literacy	
					lit	num	R	W
AS 91622 (Optional)	**3.22 Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine**	4	INT	I will learn how to use a CNC machine (laser cutter) to make a component of piece furniture.	✖	✖	✖	✖
US 25572	**Demonstrate knowledge of hardware used in furniture making and its application**	6	INT	I will learn about different types of hardware, what and why they are used and how they are categorised	✖	✖	✖	✖
US 25562	**Fit doors to a cabinet using adjustable hinges**	3	INT	I will learn how to fit doors with adjustable hinges to a cabinet project.	✖	✖	✖	✖

Total Credits	Up to 13
Construction and Infrastructure	Up to 4
Primary Industries	Up to 4

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