

AUCKLAND GIRLS' GRAMMAR SCHOOL
PER ANGUSTA AD AUGUSTA



**Senior Course
Booklet
Year 12 and 13
2020**

Name: _____

ABBREVIATIONS USED

AS	Achievement Standards
US	Unit Standards
NCEA L1	National Certificate of Educational Achievement Level 1
NCEA L2	National Certificate of Educational Achievement Level 2
NCEA L3	National Certificate of Educational Achievement Level 3
NC	National Certificate – specialised E.g. National Certificate in Computing Level 2
LPC	Learning Programme Co-ordinator
FC	Faculty Co-ordinator
TBC	To be confirmed

Course availability:

The courses outlined in this booklet are all expected to run in 2020, except when there are insufficient students choosing a particular course for it to be viable. While we make every effort to meet students' needs, it is possible that some individual courses may not run, or in some cases, they may be combined with another level of that subject.

Course Advice:

Parents are encouraged to participate in the Option Choice process. Deans, Deputy Principals and Career staff are all available to advise students on their choices. Please contact the school if you would like to arrange an appointment time for the next few weeks.



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July 2019

Dear Students, Parents and Caregivers

Over the next few weeks, you will be making important decisions on subject choices for next year. This Course Booklet provides information to assist you to make the appropriate course selection. It outlines the curriculum offered at Auckland Girls' for Years 12 to 13, including possible course pathways, and individual subject descriptions, along with subject prerequisites and the credits offered towards qualifications.

Students are encouraged to choose a programme that allows them to optimise their potential as individuals and achieve the highest possible levels of success. We offer a wide range of courses that lead to national qualifications and awards and prepare our girls for their future pathways. We encourage each of our students to study a broad range of subjects from several different curriculum areas, for as long as possible. Diversity of subject choice will support changes in direction and better prepare students for the expectations of tertiary institutions. It is also important to plan educational pathways with care, checking entry requirements for tertiary courses and ensuring that special requirements for qualifications, such as literacy and numeracy, are fulfilled.

We have a Pathways programme for Year 12 and Year 13 students which are aligned with the government initiative to enable students to focus their learning on a particular industry or broad career pathway, by making clear links between education and employment. You will find more information on this programme on page 9.

I hope that you find this booklet useful in guiding your decision making. Further advice and guidance are available from the Deputy Principals, Faculty Coordinators, Deans, and the Careers Advisor at school.

Ngaire Ashmore
Principal



STAFF TO SEE FOR ADVICE

ARTS	Ms Moller (FC) & Director of Music Ms Dugdale - Visual Arts Ms Sullivan - Dance Ms Smith-Roy - Drama Mr McQuillan – Media Studies
CAREERS/STUDENT SUPPORT	Mrs Hames (Director of Student Support / Careers Advisor) Ms Riley (Learning Centre)
ENGLISH	Ms Stone (FC)
LANGUAGES	Miss Malins (FC)
MATAURANGA MAORI	Koka Rhonda Tibble (FC)
MATHEMATICS	Ms Towes (FC)
PHYSICAL EDUCATION	Ms Jobe (FC)
SCIENCE	Ms Denny (FC) & Biology Ms Tudor - Chemistry Ms Rhode - Physics
SOCIAL SCIENCES	Miss Rhodes (FC) & History Mr Issacs - Geography Ms Wilson - Social Studies / Classics Ms Sturme - Economics / Business Studies
TECHNOLOGY	Mr Summerville (FC)
VOCATIONAL PATHWAYS	Ms Ashmore (FC)
SENIOR COURSE ADVISOR	Ms Rhode
DEANS 2019	Mrs Fakaosi (Yr 9) Ms Wikaire (Yr 10) Mrs Lee-Cooper (Yr 11) Ms Thom (Yr 12) Ms Harridge (Yr 13) Ms Sturme (International) Whaea Joey Rogers (Kahurangi)
DEPUTY PRINCIPALS	Ms Flannery – Student Services Ms Lamberton – Curriculum and Assessment Mr Morgan – Teaching and Learning
PRINCIPAL	Ms Ashmore



Course Structure

	Year 9	Year 10	Year 11
Arts	Visual Art Drama/Dance Music	Visual Art Dance Drama Music	Visual Art Dance Design (Practical Art) Drama Music Photography
English	English Advanced English	English Advanced English	English Advanced English Media Studies
Health & PE	Physical Education and Health	Physical Education and Health	Physical Education and Health Health Studies
Languages	French Japanese Samoan	French Japanese Samoan	Japanese Samoan Lea Faka-Tonga
Māori	Te Reo Maori	Te Reo Maori	Te Reo Maori
Mathematics	Mathematics	Mathematics Advanced Mathematics	Mathematics General Mathematics Practical Mathematics
Science	Science	Science	General Science Science for Life
Social Science	Social Studies	Social Studies	Economics with Business Geography History Senior Social Studies
Technology	Technology	Design & Visual Communication Digital Technologies Food Technology Textiles Technology	Design & Visual Communication Digital Design Technology Digital Technology Programming Textiles Technology Hospitality
Pathways			
Note: Courses will only be offered if there are sufficient numbers.			



Year 12	Year 13	Multi-Level Courses
Art History Dance Design (Practical Art) Drama Music Painting Photography	Art History Dance Design (Practical Art) Drama Music Painting Photography	
English Advanced English Media Studies	English Advanced English English Enrichment Media Studies	Foundation English (ESOL) Intermediate English (ESOL) Literacy
Health Studies Physical Education and Health	Health Studies Physical Education and Health	
Japanese Samoan Lea Faka-Tonga	Japanese Samoan Lea Faka-Tonga	
Te Reo Maori	Te Reo Maori	
Mathematics Mathematics and Statistics General Mathematics	Mathematics with Calculus Mathematics and Statistics General Mathematics	
Applied Science Biology Chemistry Physics Sustainability (cross-curricular)	Applied Health Science Biology Chemistry Physics Sustainability (cross-curricular)	
Business Studies Classical Studies Economics Geography History Senior Social Studies Tourism & the Travel Industry	Business Studies Classical Studies Economics Geography History Senior Social Studies Tourism & the Travel Industry	
Design & Visual Communication Digital Design Technology Digital Technology Programming Textiles Technology Hospitality	Design & Visual Communication Digital Design Technology Textiles Technology	
Pathways	Pathways	Childcare
Gateway	Gateway	



Course selection process for the 2020 school year

1

Senior Course Booklet for 2020 is published for students and staff and is also available on the school website.

Students discuss their choices with parents, caregivers, teachers, Deans, Careers Advisor, Senior Course Advisor, Faculty Co-ordinators, Deputy Principals.

Parents are encouraged to make contact with the school to discuss their daughter's choices.



2

Yr 11 and 12 students complete their Option forms at academic pathway interviews and enter them in during this time.

Yr 10 students complete their Option forms during Term 3.

Year 9 students complete their Option forms during Term 3.



3

In **Term 4**, Deans and subject teachers check subject lists and make recommendations for any changes to individual students' courses.

During the timetabling process, some students may be contacted to discuss their courses.



4

January 2020: once external results are available, students must notify the Dean or Senior Course Advisor of any last-minute changes to their option choices.

The Deans & Senior Course Advisor checks each student's course against prerequisites & examination results.



5

Late January 2020: All senior students should check for their course confirmation on the school intranet. The school website will have details and dates. There will be a Course Confirmation day held where each student discusses & finalises her course with a Dean if needed.

Students with confirmed courses need not attend this day.

2020 Timetable begins: Thurs 30th January (to be confirmed)



NATIONAL CERTIFICATE of EDUCATIONAL ACHIEVEMENT

NCEA (National Certificate of Educational Achievement) is New Zealand's main national qualification for secondary school students and is part of the National Qualifications Framework (NQF). Each subject offers a range of **standards** that are designed to assess how well students perform in different skill and knowledge areas. When a student achieves a standard they gain **credits** on the National Qualifications Framework (NQF).

The NQF contains two types of national standards: Achievement Standards and Unit Standards. The credits from all Achievement Standards and Unit Standards count towards NCEA.

Achievement Standards may be internally or externally assessed. External assessment is by NZQA (New Zealand Qualifications Authority) at the end of the school year. Internal assessment of Achievement Standards is carried out by subject teachers throughout the year in such form as tests, project work, practical work and performances. Achievement Standards are assessed as follows: "Achieved", "Achieved with Merit", "Achieved with Excellence" or "Not Achieved".

Unit Standards are all internally assessed and also earn credits on the National Qualifications Framework. Some Unit Standards are linked to tertiary or vocational industry-based courses. Unit Standards are assessed on the basis of meeting the required standard and therefore the result will be generally shown as "Achieved" or "Not Achieved".

There are rigorous external and internal moderation systems in place to ensure that internal assessment is fair, student work is authentic, and marking is accurate and consistent with national standards.

NCEA Level 1 is gained by accumulating a **minimum of 80 credits**, at least **10** of which show **numeracy** skills and **10** other credits which show **literacy** skills.

NCEA Level 2 requires a **minimum of 60 credits at Level 2** or above and **20 credits** at any other level, plus Level 1 literacy and numeracy. Credits can be used for more than one qualification, so some NCEA Level 1 credits can count towards NCEA Level 2.

NCEA Level 3 requires a **minimum of 80 credits**, of which **60** must be at **Level 3** or above and **20** at **Level 2** or above, plus Level 1 literacy and numeracy. Credits can be used for more than one qualification, so some NCEA Level 2 credits gained in a previous year can count towards NCEA Level 3.

Certificate Endorsements

NCEA Level 1 – 3 Certificates will be endorsed as follows:

Endorsement with Merit for a student who achieves 50 credits or more at Merit or Excellence.

Endorsement with Excellence for a student who achieves 50 credits or more at Excellence.

Course endorsement

A course endorsement provides recognition for a student who has performed exceptionally well in an individual subject course.

Students will gain an endorsement for a course if for that course, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence
- and at least 3 of these credits are from externally assessed standards and 3 credits from internally assessed standards.

Note: this does not apply to Physical Education, Religious Studies or Level 3 Visual Arts.

NZ Scholarship is a **monetary award** designed to extend and recognise top-level students. Most subject areas at AGGS that offer Level 3 also offer entry into NZ Scholarship. This should be discussed with the appropriate HOF.

For more information on **NCEA** visit: <http://www.nzqa.govt.nz/ncea/index.html>

For more information on **Scholarship** visit: <http://www.nzqa.govt.nz/scholarship/index.html>



What are the Vocational Pathways?



The Vocational Pathways provide new ways to achieve 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:

- Primary Industries
- Services Industries
- Social & Community Services
- Manufacturing & Technology
- Construction & Infrastructure
- Creative Industries

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

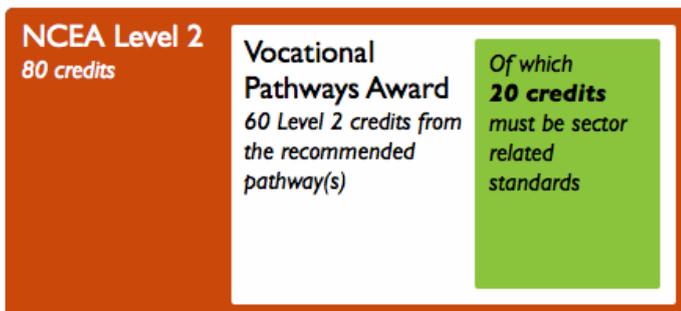
Government agencies, the industry training sector, secondary and tertiary representatives and industry and employer representatives worked together to develop the six Vocational Pathways for NCEA Level 2 as the foundation of the journey to employment. These groups are now in the process of developing pathways through qualifications achieved in NCEA Level 3 and beyond.

What is the Vocational Pathways Award?

The award enables employers to assess whether potential employees' skills align with their industry requirements more easily.

To receive a Vocational Pathways Award, students must first gain NCEA Level 2, which is 60 credits from Level 2 and 20 credits from any other level; 80 credits in total. 10 of these 80 credits must satisfy the literacy requirements, and 10 of these 80 credits must satisfy the numeracy requirements. To get a Vocational Pathways Award, 60 of the Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from sector-related standards.

The following diagram shows this relationship:



The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. You can follow your Vocational awards on your ROA or through your student portal. They can be a real advantage when they look for work and training opportunities in the sector.



UNIVERSITY ENTRANCE

to enter tertiary courses in 2014 and beyond

University Entrance (UE) will continue to be the minimum requirement to go to a New Zealand university.

From 2014, to be awarded UE you will need:

Level 3	60 credits at Level 3 (plus 20 at Level 2 or above) including:		
	14 credits in a 1 st Approved Subject*	14 credits in a 2 nd Approved Subject*	14 credits in a 3 rd Approved Subject*
Level 2	Literacy made up of 5 credits in reading and 5 credits in writing <i>(available from a range of subjects)</i>		
Level 1	Numeracy - 10 credits made up of: <ul style="list-style-type: none"> ➤ specified achievement standards available through a range of subjects, or ➤ a package of three numeracy unit standards (26623, 26626, 26627- all three required). 		

Further details are here: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/>

The University of Auckland is introducing an Academic English Language Requirement. Therefore you must have gained a minimum of 17 NCEA credits in English at Level 2 and/or 3.

***Approved Subjects (for UE in 2020):**

Accounting	Education for Sustainability	Music Studies
Agriculture & Horticulture	English	Painting (Practical Art) Photography (Practical Art)
Biology	French	Physical Education
Business Studies	Geography	Physics
Calculus	German	Processing Technologies
Chemistry	Health Education	Religious Studies
Chinese	History	Samoan
Classical Studies	History of Art	Science
Construction & Mechanical Technologies	Home Economics	Sculpture (Practical Art)
Cook Islands Maori	Indonesian	Spanish
Dance	Japanese	Social Studies
Design (Practical Art)	Korean	Statistics
Design & Visual Communication	Latin	Technology
Digital Technologies	Lea Faka-Tonga	Te Reo Maori
Drama	Mathematics	Te Reo Rangatira
Earth & Space Science	Media Studies	
Economics		



CAREER COURSE CHOICE GUIDE

Your career

A career is not just a job. It is a lifelong process that includes paid and unpaid work, as well as formal and informal education. It influences and is influenced by other activities such as family life and leisure activities. It is important that you consider all of these areas when making career plans. To make career decisions you also need to understand yourself and the skills you have. Then you need to investigate what opportunities are available to you. The website www.careers.govt.nz is a helpful tool.

Many tertiary courses have much higher entrance requirements than the minimum entry-level. Listed below are the prerequisites required by some tertiary institutions for acceptance into the course shown. It is not intended to be a guide to every course available but may give you some help with your option choices. The institutions do alter their criteria so it is strongly advised that you check the details before making decisions based on this information. The Careers Adviser is available to help you.

Career Area	NCEA Level 3
Architecture	A broad-based academic programme including an English rich subject is recommended. Mathematics, Physics and a creative subject are an advantage e.g. Painting or Design.
Biomedical Science	Biology, Chemistry and Physics.
Business, Commerce	A broad-based academic programme is recommended. Mathematics (Statistics) is an advantage and it is useful to have studied Accounting and Economics but not essential.
Communication Studies	English rich subjects plus an enthusiasm for communication activities such as drama, media, debating or film are recommended. Advised to take English at NCEA Level 3.
Computing/IT	A broad-based academic programme is recommended including Mathematics.
Dentistry	Biology, Chemistry, Physics.
Design	Practical art subjects are an advantage as often a portfolio is required.
Engineering	Physics, Mathematics with Calculus and a language-rich subject. Chemistry is also required at Canterbury University.
Fine Arts	Two practical Art subjects are an advantage. A portfolio is usually required.
Food Science/ Technology	Mathematics with Calculus and the three sciences.
Health Sciences	Biology, Chemistry and Physics.
Hospitality	A broad range of subjects is an advantage.
Law	It is useful to have studied essay-based subjects, e.g. English, History
Medical Lab Science	Biology, Chemistry, and Statistics and Modelling.
Medicine	Biology, Chemistry, Physics – essential for Otago and U of A 1 st Year of Bio-Medical Science
Music	Auditions are required for specialisation in Performance.
Nursing	An English rich subject and one of Biology, Chemistry or Physics
Occupational Therapy	A broad range of subjects including a science or Mathematics.
Optometry	Biology, Chemistry and Physics.
Performing Arts	Performance skills in the chosen specialisation plus an audition.
Pharmacy	Biology Chemistry and Physics.
Physiotherapy	Biology, Chemistry and Physics for Otago. Min of 56 Level 3 credits in 3 approved subjects for AUT.
Planning	A broad range of academic subjects is an advantage.
Physical Education	A broad range of subjects is an advantage.
Pilot	Calculus, Physics and English are recommended.
Teaching	A broad range of subjects is an advantage.
Technology	Calculus, Statistics, Physics and Chemistry.
Travel and Tourism	A broad range of subjects is an advantage.
Veterinary Science	Biology, Chemistry, Physics, Statistics or Calculus and English.

For up-to-date careers and tertiary course information visit:

- Mrs Hames (Careers Advisor) in the Careers Zone of the i-Centre.
- Visit www.careers.govt.nz for a comprehensive overview of all careers including training information.
- Career Quest is a questionnaire on the Career Services website and will give you Career ideas linked to your skills and interests. www.careers.govt.nz
- We encourage every student to set up 'My Career Space' on the website so they save their CV, job profiles etc. It is wise to start this process in Year 11.
- Youth Guarantee – www.youthguarantee.net.nz, visit this site for information on vocational pathways and to see your profile builder.



Choosing the right courses for your future:

‘Educated at Auckland Girls’, Equipped for the world’

Your choices at school can make a difference to your pathway when you leave school, so choose carefully and remember these important points:

- Think about the subjects that you enjoy and also the ones that you are succeeding in now
- Don't specialise too soon - keep your overall course as broad as possible
- Research the subject requirements for your possible career choices
- Always have a backup plan for your future pathway
- Think about how you prefer to work and learn E.g. practical subjects, written subjects, performance subjects, creative subjects, scientific subjects
- Check that you will have the pre-requisites for your 2020 subjects
- Discuss your options with as many people as possible E.g. Tutor teacher, Dean, Careers Advisor
- Involve your parents in your decision-making – they know you well!

Course Requirements at AGGS in 2019

Yr 11	Course Requirements	Equivalent of 6 full year NCEA Level 1 subjects
	Compulsory	English, Mathematics, Science, Healthy Lifestyles (semester)
Y12	Course Requirements	Equivalent of 6 full year NCEA Level 2 subjects
	Compulsory	English – full year
Y13	Course Requirements	Equivalent of 5 full year subjects (at Level 3 or combination L2/L3)
	Compulsory	Study

In some individual cases, students may study at more than one level of NCEA in the same year.

Pre-requisites for Courses:

Continuing on to Year 12 & 13 in most subjects requires that you have gained a minimum standard (prerequisite) this year. The prerequisites are listed within the individual course information. Some courses will have open entry or no prerequisite. You will not be able to take the course if you have not gained the prerequisites.

Portfolio subjects: (Visual Art, Design, Design & Visual Communication, Painting, Photography, Sustainability, Technology)

These are subjects that require you to submit a major collection of work at the end of the year for the external assessment. For workload reasons, it is recommended that you only take **one** portfolio subject, but exceptions to this may be made at the discretion of your teachers, and in consultation with both you and your parents.

Course availability and credits:

Each course offered in this booklet will run in 2020, provided that sufficient students choose to take it. For senior school subjects, the credit value offered in each course is an approximate indication and may be subject to change. Course outlines issued by teachers at the start of 2020 will confirm the details of assessments and credits to be offered.



ARTS FACULTY

This is the learning area which explores and celebrates the processes and products of creativity and personal expression. The Arts are powerful forms of expression, providing essential learning for living and developing a wide range of general and specific skills, vital for employment, study, leisure and recreation.

The Arts are the basis of international communication and understanding as they cross all boundaries and link all areas of thought and personal endeavor. The Arts subjects enable students to explore, understand and communicate ideas in creative ways. They encourage individuality and an ability to be adaptable and innovative in the face of change.

YEAR 12 COURSES

12AHI

ART HISTORY

Art History is the study of when and why artworks are made. It provides valuable tools of; critical thought, literacy skills, and the understanding of essential art ideas and concepts. It consists of researching Art History topics and the examination of Art Movements. By discussing artworks students will examine the subjects and themes in art and the techniques used to communicate these. There is no practical art component, but this subject is a recommended companion course to any of the Visual Arts. Two internal and three external standards are available for assessment.

Credits available	
L2	AS
Internal	8
External	12
Total	20

12DAN

DANCE

Dance is the study of human movement through creative expression. In Year 12 Dance you will explore a range of dance techniques, choreograph group dances and analyse professional dance works. Taking Dance as a subject is a unique opportunity to develop creative thinking and problem-solving skills and to work collaboratively with others. As well, this course will involve a field trip to watch a live performance which will cost approximately \$15. You will need to receive 14+ credits in Level 1 Dance or approval from the Head of Department to take Dance at Level 2.

Credits available	
L2	AS
Internal	18
External	4
Total	22

12DES

DESIGN (Practical Art)

Design is an investigative approach to design problem solving using digital technologies as the primary means of exploring and thinking. In Year 12 Design students will learn the basics of Photoshop and techniques of image and text manipulation. They will be introduced to the foundation principles and key conventions of design through research into typography-based magazine spreads. Students will choose their own topic, with guidance, to base their work on for the year. There are opportunities for students who prefer to generate imagery by hand in the form of illustration topics or incorporating drawing or collage into commercial topics. The charge of \$60 will cover all printing and presentation costs. There are no pre-requisites for this course although some form of visual arts study in Year 11 would be useful.

Credits available	
L2	AS
Internal	12
External	12
Total	24

12DRA

DRAMA

This course focuses on the development of dramatic technique and further exploration of characterisation. Within the Year 12 course, students study the Theatre practitioner Bertolt Brecht and create a piece of devised theatre based on his theory. Students then study and perform pieces of Elizabethan theatre and are required to write about this in the external examination. Students will also be taken to a professional theatre show that they will have the opportunity to write about in the written examination. The cost of this is \$15 per student. In order to be accepted into Year 12 Drama, students must have completed 14+ credits in the Year 11 Drama or 10+ credits in the Year 11 semester course or can gain access through an audition.

Credits available	
L2	AS
Internal	22
External	4
Total	26



12MED**MEDIA STUDIES**

Media Studies is the study of media texts, their creation and influence on society, media technologies, media industries and media history. The course contains both written, academic elements and practical, hands-on activities in project-based assessments. You will need to have gained 10 credits in Year 11 Media Studies or similar course, subject to approval by Faculty Co-ordinator.

Credits available	
L2	AS
Internal	16
External	4
Total	20

12MUS**MUSIC**

Music is the study of performance, composition, songwriting, research, technology/Elearning and notation. This course consists of standards that allow you the opportunity to work collaboratively as a member of a group or as an individual to perform and compose. As performance is a compulsory part of the course, you will be required to learn an instrument through the itinerant scheme or privately and attend your weekly lessons. You will discuss with your Music teacher which are optional credits. You must have done Level 1 Music the prior year and have achieved 12 credits in Music. If you have not done Music before you must seek permission from Ms Moller.

Credits available	
L2	AS
Internal	24
External	4
Total	28

12PAI**PAINTING**

This course introduces the concept of developing an individual practice in Painting. It consists of studying the styles, methods and ideas of established Painters in a context of drawings to develop and generate and extend ideas in a body of painting. Students will be given the opportunity to generate and build on their own areas of interest in their individual approach to their work. Students will be encouraged to experiment with a range of painting media and approaches to enhance their own learning experience. It is recommended students have studied a Visual Arts subject in Year 11.

Credits available	
L2	AS
Internal	12
External	12
Total	24

12PHO**PHOTOGRAPHY**

Photography is the study of using the photographic process to communicate information, ideas and personal insights. The study of Photography offers an opportunity for students to develop creative and critical thinking skills as well as visual literacy. In this course, students will be able to choose between Digital and Analogue Photography. The course will cost \$100 to cover photographic printing costs. Students will need to have 14+ credits at Level 1 in Photography or Design or approval from the Head of Department to take Level 2 Photography.

Credits available	
L2	AS
Internal	8
External	12
Total	20

YEAR 13 COURSES

13AHI**ART HISTORY**

We will start by exploring the values of art and the many and varied functions it has in our society. Our areas of study will focus on modern and postmodern art in New Zealand and the USA. Through analysis of artworks in context, students will gain an insight into artists as diverse as Colin McCahon, Andy Warhol, Ralph Hotere and Judy Chicago. The course will suit students with an interest in the arts and/ or humanities. The prerequisite for this course is a minimum of 12 credits in either Level 2 English, History or Classical Studies.

Credits available	
L3	AS
Internal	12
External	8
Total	20

13DAN**DANCE**

Dance is the study of human movement through creative expression. In Year 13 Dance you will explore a range of cultural and social dance styles, choreograph your own dances and analyse professional dance works. Taking Dance as a subject is a unique opportunity to develop creative thinking and problem-solving skills and to work collaboratively with others. As well, this course will involve a field trip to watch a live performance which will cost approximately \$15. This course is an approved UE course. You will need to receive 14+ credits in Level 2 Dance or approval from the Head of Department to take Dance at Level 3.

Credits available	
L3	AS
Internal	26
External	4
Total	30



13DES

DESIGN (Practical Art)

Design is an investigative approach to design problem solving using digital technologies as the primary means of exploring and thinking. The study of Design offers an opportunity for students to develop creative and critical thinking skills as well as visual literacy. In Year 13 Design students will build on the skills and techniques of image and text manipulation learnt in Level 2 Design. Students will choose their own topic, with guidance, to base their work on for the year. There are opportunities for students who prefer to generate imagery by hand in the form of illustration topics or incorporating drawing or collage into commercial topics. The charge of \$60 will cover all printing and presentation costs. This course is UE approved and includes literacy credits. Students will need to have 14 credits at Level 2 in Design or approval from the Head of Department to take 13 Design.

Credits available	
L3	AS
Internal	15
External	14
Total	29

13DRA

DRAMA

Drama is a creative process using words and movement to tell a story through performance. This course focuses on the development of dramatic technique and further exploration of characterisation. Within the Year 13 Course, students will work to create devised pieces based on the theories of three practitioners. They will also rehearse and perform a class production which requires them to attend after-school rehearsals. Students will also be taken to a professional theatre show that they will have the opportunity to write about in the written examination. The cost for this is \$15 per student. In order to be accepted into Year 13 Drama, students must have completed 14+ credits in the Year 12 Drama course or can gain access through an audition.

Credits available	
L3	AS
Internal	19
External	4
Total	23

13MED

MEDIA STUDIES

Media Studies is the study of media texts, their creation and influence on society, media technologies, media industries and media history. The course contains both written, academic assessments and practical, hands-on activities. Year 13 Media Studies is an approved UE course. You will need to have gained 10 credits in Year 12 Media Studies or similar course, subject to approval by Faculty Co-ordinator.

Credits available	
L3	AS
Internal	16
External	4
Total	20

13MUS

MUSIC

Music is the study of performance, composition, songwriting, research, technology and notation. This course consists of a variety of standards that you will choose from to create a unique course according to your strengths. This will mean whether you are a performer, composer or have more analytical skills by listening to different styles of music, this course caters to you. If you choose to do performance you will be required to learn an instrument through the itinerant scheme or privately and attend your weekly lessons. This course is UE approved and includes literacy credits. You will need to have 14 credits at Level 2 in Music.

Credits available	
L3	AS
Internal	24
External	4
Total	28

13PAI

PAINTING

Level 3 Painting is an opportunity for students to enhance, and extend their art practice and learning from Levels 1 & 2. It consists of students researching art-making traditions and explores the links to relevant and recent painting practice. They will investigate ideas and methods in the context of a drawing study in painting toward the production of original work to show their knowledge of painting methods and ideas. This is a UE approved subject, and Level 3 Art History is a recommended companion course.

Credits available	
L3	AS
Internal	12
External	14
Total	26

13PHO

PHOTOGRAPHY

Photography is the study of using the photographic process to communicate information, ideas and personal insights. The study of Photography offers an opportunity for students to develop creative and critical thinking skills as well as visual literacy. In this course, students will be able to choose between Digital and Analogue Photography. They will build on the skills and knowledge gained in Level 2 Photography. The course will cost \$100 to cover photographic printing costs. This course is UE approved and includes literacy credits. Students will need to have 14+ credits at Level 2 in Photography or Design or approval from the Head of Department to take Level 3 Photography.

Credits available	
L3	AS
Internal	12
External	14
Total	26



NATIONAL CERTIFICATE IN MUSIC/DANCE/DRAMA – Level 2

Credits: 40

Students who take a combination of two or more of the following subjects; Music/Dance/Drama/Performing Arts General and Maori Performing Arts at Level 2 or above can get an additional qualification.

They need to have a minimum of 30 credits in 1 subject at Level 2 and above and 10 credits from a second subject or a combination of those subjects at Level 2 or above.



ENGLISH FACULTY

English is about making sense of the written, visual and oral texts we encounter every day. It empowers us to understand texts and see how people use language to influence the way we think and feel about the world.

YEAR 12 COURSES

**Students need to discuss with their English teacher which class would best suit their needs.
IT IS COMPULSORY TO DO ONE ENGLISH OR ESOL COURSE**

12EAD

ENGLISH ADVANCED

This is a challenging course for those who are passionate about reading and responding to texts. It asks you to critically examine written and visual texts, complete a writing portfolio and reading responses.
Entry is at the discretion of the HOF

Credits available	
L2	AS
Internal	16
External	8
Total	24

12ENG

ENGLISH

This is for students who enjoy reading and exploring ideas in literature. You will study literature through a variety of mediums. You will study a variety of written texts and complete a writing portfolio and reading responses.
You should have 10 Level 1 English credits including at least one external.

Credits available	
L2	AS
Internal	13
External	8
Total	21

14LIT

LITERACY

This course is designed for Year 12 and 13 students requiring more assistance with their language skills. We will use similar Achievement standards to 12ENG so you will study written and visual texts to gain the 10 literacy credits required for tertiary study. You should have 10 Level 1 English credits including at least one external or entry can be based on diagnostic testing at enrolment. This is NOT a UE course.

Credits available	
L2	AS
Internal	20
External	4
Total	24

YEAR 13 COURSES

Students need to discuss with their English teacher which class would best suit their needs.

13EAD

ENGLISH ADVANCED

This is a challenging course for students who are passionate about literature. You will study written and visual texts and examine the way the authors present ideas through a variety of lenses. You will engage with Shakespeare, film, novel and deliver an oral presentation. You will also complete a writing folio. This is a UE approved course.
Entry is at the discretion of the HOF

Credits available	
L3	AS
Internal	16
External	8
Total	24

13ENG

ENGLISH

This is for students who love reading and writing. This course studies written and visual texts and allows you to examine the way the authors present ideas through a variety of lenses. You will study written and visual texts and deliver an oral presentation. This is a UE approved course.
You should have 10 English credits at Level 2 including an external standard.

Credits available	
L3	AS
Internal	14
External	8
Total	22



13ENR

ENGLISH ENRICHMENT

This course is for students who wish to continue with English, but prefer the study of visual language. It will allow you to complete a series of writing, speaking and inquiry skills, using mainly visual texts. This course assesses using all achievement standards. This is a UE approved course.

Entry is at the discretion of the HOF

Credits available	
L3	AS
Internal	16
External	8
Total	24

ESOL COURSES

14FOU

FOUNDATION ENGLISH

This course focusses on developing English language skills while learning about New Zealand culture and using a variety of English texts. Vocabulary enrichment will include students' other subjects and their topics to provide support. Students will be assessed by both ESOL and Literacy standards. Entry is based on diagnostic testing at enrolment.

Credits available	
ESOL	AS
Internal	18
Total	25

14INT

INTERMEDIATE ENGLISH

This course further develops students' written and spoken language skills, with a focus on widening vocabulary to help them achieve in all their subjects. We use a variety of written and visual texts to prepare students for assessment by a range of Level 1 Achievement standards for their first contact with NCEA. You should have been successful in the Foundation class or entry can be based on diagnostic testing at enrolment.

Credits available	
L1	AS
Internal	14
External	8
Total	22



HEALTH AND PHYSICAL EDUCATION FACULTY

In Health and Physical Education, the focus is on the well-being of students, other people, and society, through learning in health-related and movement contexts.

YEAR 12 COURSES

12PED

PHYSICAL EDUCATION AND HEALTH

This is an enriching course offering students the ability to develop skills and knowledge of their own fitness. They will train for the tough girls and guys event while learning to understand the importance of living a balanced and healthy lifestyle. Students will need to apply their knowledge in both practical and written contexts. Practical activities may include volleyball, adventure-based learning and turbo touch. In pairs, students will demonstrate their leadership skills by coaching junior students in a sport of their choice. All students will attend a 4-day outdoor high ropes course if selected. This is a STAR-funded course and will not require payment from students. Entry to this course is at the discretion of the Head of Faculty – Ms Jobe.

Credits available		
L2	AS	US
Internal	15	9
External	0	
Total		24

12HEA

HEALTH STUDIES

This course is for students who enjoy learning about health and well-being related contexts. This course looks at developing an understanding of influences, consequences and strategies when looking at topics such as issues related to sexuality and gender, interpersonal issues that place personal safety at risk, taking action to enhance well-being and managing change. Entry to this course is at the discretion of the Assistant Head of Faculty – Mrs Waka.

Credits available	
L2	AS
Internal	15
External	4
Total	19

YEAR 13 COURSES

13PED

PHYSICAL EDUCATION AND HEALTH

This Level 3 Physical Education course builds on the skills, knowledge and concepts taught at Level 2. While it is not essential, it is beneficial to have had previous experience at this level. A balance of both practical and theoretical work is required. Students will take action to promote physical activity and learn about lifelong well-being. Some students may get the opportunity to attend a week-long camp at Hillary outdoors and will experience high ropes, caving, kayaking, tramping and other exciting outdoor activities. A reduced payment will be required for this camp. This course is an approved University Entrance course. Entry to this course is at the discretion of the Head of Faculty – Ms Jobe.

Credits available		
L3	AS	US
Internal	17	6
External	0	
Total		23

13HEA

HEALTH STUDIES

This course is a continuation of Year 12 Health. It requires students to think critically and to challenge assumptions in a written context. While it is not essential, it is beneficial to have had previous experience at level 2. This course looks at developing an understanding of influences, consequences and strategies when looking at topics such as health practices in NZ, a contemporary ethical issue, an NZ health issue as well as an international health issue. It is for students who enjoy learning about health and wellbeing related contexts. This is an approved University Entrance course.

Entry to this course is at the discretion of the Assistant Head of Faculty – Mrs Waka.

Credits available	
L3	AS
Internal	14
External	5
Total	19



LANGUAGES FACULTY

Everyone benefits from learning languages. Communicating with people within and across communities, cultures and nations enables us to engage with new ways of thinking, questioning, and interpreting our world.

Students with more than one language enhance their employment and lifestyle opportunities. They are able to participate as citizens of a world in which many different languages are spoken and most people can use more than one language.

YEAR 12 COURSES

12JAP

JAPANESE

In Japanese, students learn to communicate in an additional language, develop their capacity to learn further languages and explore different worldviews in relation to their own. This course builds students' confidence to express and exchange ideas to establish real communication in Japanese. Students will gain the skills to express opinions and to present fact and arguments on a range of topics such as describing events (for example Polyfest), reviewing a movie, and school life in New Zealand and Japan. As well this course can provide an opportunity to visit a Japanese restaurant and to host students from our Japanese sister schools. A school trip to Japan is possible in the future. You will need to have 10 credits in NCEA Level 1 Japanese or equivalent or have an Asian language background.

Credits available	
L2	AS
Internal	14
External	10
Total	24

12SAM

SAMOAN

In Samoan, students learn to communicate in the Samoan language and explore aspects of Samoan culture in more detail through a range of contexts. This course builds students' confidence to express and exchange ideas to establish real communication in Samoan for both the colloquial and formal language. Students will gain the skills to express opinions and to present fact and opinions on a range of topics such as describing events (for example Polyfest), school life, or family life in New Zealand and Samoa. You will need to have 10 credits in NCEA Level 1 Samoan or have a competent understanding of the Samoan language.

Credits available	
L2	AS
Internal	14
External	10
Total	24

12TGN

LEA FAKA-TONGA

This course enables students to develop an understanding of cultural structures and functions of Lea Faka-Tonga in different settings and contexts. Students will be able to use their prior knowledge to write and speak in Lea Faka-Tonga. You will need to have 10 credits in Level 1 Lea Faka-Tonga or have a proficient understanding of Lea Faka-Tonga.

Credits available	
L2	AS
Internal	9
External	10
Total	19



YEAR 13 COURSES

13JAP

JAPANESE

In Japanese, students learn to communicate in an additional language, develop their capacity to learn further languages and explore different worldviews in relation to their own. This course develops students' confidence to communicate information, ideas, and opinions through increasingly complex texts. Students will gain the skills to explore the views of others, developing and sharing personal perspectives on a range of topics such as environmental issues, travel and tourism, and traditional and pop culture. This course can also provide an opportunity to visit a Japanese restaurant and to host students from our Japanese sister schools. This course is an approved UE course. You will need to have 10 credits in NCEA Level 2 Japanese or have an Asian language background.

Credits available	
L3	AS
Internal	14
External	10
Total	24

13SAM

SAMOAN

In Samoan, students learn to communicate in the Samoan language and explore aspects of Samoan culture in depth through a range of contexts. This course develops students' confidence to communicate information, ideas, and opinions through increasingly complex texts. Students will gain the skills to explore the views of others, developing and sharing personal perspectives on a range of topics such as environmental issues, travel and tourism, and traditional and modern culture. This course is an approved UE course. You will need to have 10 credits in NCEA Level 2 Samoan or have a proficient understanding of the Samoan language.

Credits available	
L3	AS
Internal	14
External	10
Total	24

13TGN

LEA FAKA-TONGA

This course will cater to students who have completed Level 1 and 2 Lea Faka-Tonga and who are intending to gain further credits for entry into university and other tertiary Institutions. Students will be able to use Lea Faka-Tonga effectively to express and justify their own ideas and opinions. They will have the opportunity to further develop their communication skills in both oral and written Lea Faka-Tonga. You will need to have 10 credits in Level 2 Lea Faka-Tonga or have a proficient understanding of Lea Faka-Tonga

Credits available	
L3	AS
Internal	8
External	10
Total	18



MATAURANGA MAORI FACULTY

The Faculty of Mātauranga Māori will be responsible for the delivery of Te Reo Māori (Māori Language), Tikanga Māori (Cultural Processes) and Nga Toi Whakaari (Cultural Performance). In addition to this, the Faculty of Mātauranga Māori will oversee initiatives which are designed to raise Māori achievement across the whole school. We encourage open communication between teachers, learners and their whānau, on all or any aspects of the learning journey of Māori students.

YEAR 12 COURSES

12TRM

TE REO MAORI

This course consists of a study of Te Reo Māori being able to communicate about: future plans; offer and respond to advice, warnings and suggestions; expressing and responding to approval and disapproval, agreement and disagreement; offer and respond to information and opinions giving reason: read about and recount actual or imagined events in the past. Students will cover themes such as The History of Te Reo Māori, The Foreshore and Seabed debate, Kaitiakitanga, Te Reo Māori Language Revitalisation, Parihaka, Te Kingitanga and the Orakei Treaty Settlement.

Credits available	
L2	AS
Internal	16
External	12
Total	28

YEAR 13 COURSES

13TRM

TE REO MAORI

This course consists of a study of Te Reo Māori being able to communicate about: certainty and uncertainty, possibility and probability; developing an argument or point of view, with reasons; recount a series of events to inform, persuade or entertain, using the same information in different ways for different audiences; responding to a range of selected texts in Te Reo Maori across a range of written, spoken, visual and recorded literature forms. Students will cover themes such as Māori Broadcasting, Whānau Ora, Mokomokai, Māori Artefacts, Māori Statistical Data, Whaikorero, Karanga and Whakairo. This course is UE approved.

Credits available	
L3	AS
Internal	16
External	12
Total	28



MATHEMATICS FACULTY

Mathematics at secondary school will give you the skills, understanding and confidence to use Mathematics in everyday life. You will develop a variety of approaches to problem-solving, learn to discover patterns and relationships, interpret information and statistics and communicate your ideas using mathematical language.

There are courses that will prepare you to go on studying Mathematics and courses to give you the mathematical skills and concepts needed to take a responsible role in our society.

YEAR 12 COURSES

- Students may do any two of 12MAC, 12MAS & 12MAG
- Students who wish to do Year 13 Calculus must do 12MAC or gain Merit grade in the Algebra and Calculus Standards in 12MAS
- Students who wish to do Year 13 Mathematics and Statistics must do 12MAC or 12MAS

12MAC

MATHEMATICS

This course covers all the Mathematics necessary for 13MAC and 13MAS. You will build on the Mathematics learnt at L1 and extend your thinking into new areas such as calculus. It includes algebra, graphs, co-ordinate geometry, equations, calculus and trigonometry.

Credits available	
L2	AS
Internal	11
External	9
Total	20

12MAS

MATHEMATICS AND STATISTICS

This course is for students who want to continue studying Mathematics with a view to L3 and university, but who are not so confident or interested in Algebra and Calculus. It covers all the Mathematics necessary for Yr13 Mathematics and Statistics including as much Algebra and Calculus as is necessary for Statistics and Probability. Its main focus is probability and statistics.

Credits available	
L2	AS
Internal	10
External	9
Total	19

12MAG

GENERAL MATHEMATICS

This course is for students who achieved well in 11MAG or 11MAP and who wish to carry on with L2 Mathematics. It covers co-ordinate geometry, equations, trigonometry, probability and networks. It gives students a background in Mathematics and a pathway to UE-approved 13MAG.

Credits available	
L2	AS
Internal	15
External	4
Total	19

YEAR 13 COURSES

13MAC

MATHEMATICS WITH CALCULUS

In Year 13 Calculus you will build on the Algebra, Calculus and Graphs studied in Year 12. A new concept, Complex Numbers will be introduced. Systems of Equations is an optional internal standard. This course is for students who were successful in Year 12 and who wish to study Engineering, Commerce or Mathematics at university.

Credits available	
L3	AS
Internal	6
External	17
Total	23

13MAS

MATHEMATICS AND STATISTICS

This course is for students who were successful in Year 12 and who wish to continue Statistics and Probability at L3 with a view to university study. Students who were successful in 12MAC will be able to succeed in this course without the statistical background from L2.

Credits available	
L3	AS
Internal	10
External	8
Total	18



13MAG

GENERAL MATHEMATICS

This course is for students who were successful in 12MAG and who wish to continue in a UE-approved L3 Mathematics course. You will study Statistics, Equations, Probability and Linear Programming.

Credits available	
L3	AS
Internal	14
External	4
Total	18



PATHWAY FACULTY

The Pathways Programme involves a variety of experiences including classroom learning, student self-directed projects, taster courses, industry-related field trips, one-day courses taught by external providers and work experiences through the Gateway Programme. The aim is to provide practical and work-related competencies required in today's ever-changing working environment. Students are encouraged to engage with their Teachers, Careers advisor, Gateway coordinator, External providers and work placement providers in order to make informed choices about their career pathway.

YEAR 12 COURSE

12PAT

PATHWAY

This course introduces students to the world of work where they begin to develop an understanding of the skills needed both in the workplace and in their everyday life at home and school. Year 12 Pathways offers students Employment skills, Core generics, vocational and work-based education linked to NCEA. This Pathways course will be enhanced by incorporating learning around the preparedness to complete the learner licence and participation in the gateway programme, where some students have the opportunity to complete 10 days of an industry-based learning experience.

Credits available	
L1	US
Internal	20
External	
Total	20

YEAR 13 COURSE

13PAT

PATHWAY

This course prepares students for the world of work where they will develop their understanding of the skills needed both in the workplace and in their everyday life at home and school. Year 13 Pathways offers students Employment skills, Core Generics, vocational and work-based education linked to NCEA. This Pathways course will be enhanced by incorporating learning through Great Success and also the Gateway programme, where some students have the opportunity to complete 10 days of the industry-based learning experience within a chosen company.

Credits available	
L2	US
Internal	20
External	
Total	20

MULTI-LEVEL COURSE

14CHC

CHILDCARE

This course incorporates learning through NZ Plunket Education - ECE unit standards. Students will demonstrate knowledge and understanding of the developing child in a variety of contexts. Further learning will be enhanced through guided, practical sessions. Emphasis will be placed on the application of student's knowledge when working with young children.

Credits available		
L2/3 US	L2	L3
Internal	6	15
External		
Total	6	15



This is not a timetabled class so do not choose it on your option form. You will need to apply to be part of this programme.

GATEWAY

Gateway is a structured work and learning experience programme designed to strengthen pathways for senior students from school to further education, training or employment. It offers supervised workplace education through individualised learning arrangements across a variety of industries and businesses. Gateway offers students aged 16 to 18 work experience in an organization or company for a period of 5 to 10 days, either one day a week or a number of consecutive working days during school holidays. Selected students get involved in an industry of their interest and learn about various tasks in the workplace. Good time-management, communication and team player skills, as well as organisational competencies and self-motivation, are beneficial to complete the programme successfully.

To participate in the Gateway programme please discuss the application process, your career aspirations and workplace availability with Mrs Sabbage. Suitable student applicants are interviewed and notified about the outcome of their application.

Credits available	
L2/3	US
Internal	20
External	
Total	20



SCIENCE FACULTY

Learning in science is fundamental to understanding the world in which we live and work. Science finds patterns by making careful observations of the world around us. It helps people to clarify ideas, to ask questions, to test explanations through measurement and observations and to use their findings to establish the worth of an idea. Science makes an important contribution to the decisions which are shaping our world and the world of future generations.

YEAR 12 COURSES

12SCI

APPLIED SCIENCE

Science is a way of investigating, understanding and explaining our natural and physical worlds. By studying Science, students develop the knowledge, problem-solving and critical thinking skills needed to inform decision making at both an individual and societal level. In this course, you will cover key concepts from a wide range of science disciplines in order to provide you with the background to understand everyday Science, prepare for the workforce or to choose further study pathways. The topics covered in 12 Applied Science will be chosen to meet the interests and needs of the students.

Credits available		
L2	US	AS
Internal	3	13
External		
Total	3	13

12BIO

BIOLOGY

The study of Biology seeks to explain the nature of living things and their inter-relationships, how evolution links life processes and ecology, and the impact that humans have on all forms of life. In this course, you will learn about key life processes such as photosynthesis, respiration, the function of enzymes and the cell cycle. We also look at how DNA provides the instructions for the growth, development and function of living things and the importance of variation for survival. Practical investigations and field trips will provide you with opportunities to experience how scientists learn more about living organisms and their inter-relationships. To take 12 Biology, you need to have achieved at least 12 credits in Level 1 Science with Merit in one external standard.

Credits available	
L2	AS
Internal	11
External	12
Total	23

12CHE

CHEMISTRY

The study of Chemistry seeks to explain the fundamental principles of Chemistry with a focus on properties of matter and how it reacts. In this course, you will learn about atomic structure and bonding, organic chemistry and chemical reactivity. Practical work is an essential part of this course and it will develop your problem-solving skills. All the internal standards are practical assessments and in these, you will learn how to apply chemical principles, develop essential practical skills and proper laboratory technique. To take 12 Chemistry, you need to have achieved at least 12 credits in Level 1 Science with Merit in one external standard.

Credits available	
L2	AS
Internal	10
External	9
Total	19

12PHY

PHYSICS

Physics is the study of matter, energy, and the interactions between them. In this course, you will learn about light and waves, motion and energy and electromagnetism. You will also be introduced to Atomic Physics, which lays the foundation for studying Quantum Physics in Year 13. As well the course includes research on the physics of sports and practical investigations. To take Year 12 Physics, you need to have achieved at least 12 credits in Level 1 Science with Merit in one external standard and be taking 12MAA or 12MAS.

Credits available	
L2	AS
Internal	10
External	10
Total	20

This course (SBY) does not offer credits from the Science domain.

12SBY

SUSTAINABILITY (Cross-curricular)

This is an introduction to Sustainability which is a cross-curricular subject. If you are concerned about any of sea-level rise, increasingly severe storms, air pollution, wildfires around the world, plastic in oceans, greenhouse gases, climate change, then this course is for you. It will teach you to analyse what is happening in a range of contexts, how it happened and what the solutions are. Many people believe that "environmental health is personal health". Change needs to happen at all sorts of levels and can start with you. To take Year 12 Sustainability, you need to have achieved at least 12 credits in Level 1 Science or Geography with Merit in one external standard.

Credits available	
L2	AS
Internal	13
External	8
Total	21



YEAR 13 COURSES

13AHS

APPLIED HEALTH SCIENCE

This course provides an alternative pathway for students interested in careers in health and community services such as Nursing, Social Work, Community Support Workers, Rehabilitation Assistant, Aged Care, and Veterinary Nursing. It will include work experience and visits to relevant tertiary institutions. You will research a contemporary health issue in New Zealand and study human anatomy, health and wellness at different stages of life and mental health wellbeing. This course is an approved UE course. To take Year 13 Applied Health Science you need to have a strong interest in pursuing a health career and have taken science in Year 12.

Credits available		
L3	US	AS
Internal	22	10
External		4
Total	22	14

13BIO

BIOLOGY

The study of Biology seeks to explain the nature of living things and their inter-relationships, how evolution links life processes and ecology, and the impact that humans have on all forms of life. In this course you will learn about how plants and animals respond to the living and non-living environment around them, the evolutionary processes leading to the formation of new species, and human biological and cultural evolution. As well you will learn about new advances in biotechnology, and carry out research into a socio-scientific issue. This course is an approved UE course. To take 13 Biology, you need to have achieved at least Merit in two externals and one internal Level 2 Biology standards.

Credits available	
L3	AS
Internal	9
External	13
Total	22

13CHE

CHEMISTRY

The study of Chemistry seeks to explain the fundamental principles of Chemistry with a focus on properties of matter and how it reacts. In this course, you will learn about organic chemistry, spectroscopy, thermochemical principles and acids and bases. Practical work is an essential part of this course and it will develop your problem-solving skills and proper laboratory technique. One of the internal standards is a practical Investigation and you will learn how to apply chemical principles and develop essential investigative skills. This course is an approved UE course. To take 13 Chemistry, you need to have achieved at least Merit in two externals and one internal Level 2 Chemistry standards.

Credits available	
L3	AS
Internal	7
External	15
Total	22

13PHY

PHYSICS

Physics is the study of matter, energy, and the interactions between them. In this course, you will learn about light and waves, motion and energy and electromagnetism as well as atomic and basic quantum physics. Practical investigations, a field trip to Rainbows End and research projects will provide you with opportunities to experience how scientists study physics in the real world. This course is an approved UE course. To take 13 Physics, you need to have achieved at least Merit in two externals and one internal Level 2 Physics standards and preferably be taking 13MAC.

Credits available	
L3	AS
Internal	10
External	10
Total	20

This course (SBY) does not offer credits from the Science domain.

13SBY

SUSTAINABILITY (Cross-curricular)

Sustainability is a cross-curricular subject that explores aspects of and interactions between environment, economy, culture, politics, and social organisation. In this course, you will learn about sustainability concepts and how to apply them in a variety of real-life situations. We need to learn how to live smarter to lessen our impact on the environment for future generations and to reduce and repair the impact of climate change. The knowledge and skills you learn can lead on to a range of careers and/or you can apply them to your own life. This is a UE approved course. To take 13 Sustainability, you need to have UE literacy and 14 credits in a Level 2 Science or Social Science subject.

Credits available	
L3	AS
Internal	9
External	9
Total	18



SOCIAL SCIENCES FACULTY

The Social Sciences Faculty consists of a range of subjects which all centre on the world and the people in it. Students are challenged to thinking critically, whilst learning more about themselves, their values and the views they hold. They have the opportunity to study a wide range of subjects including Business Studies, Classical Studies, Economics, Geography, History, Senior Social Studies and Travel and Tourism. Most of our courses are open entry so that you can choose subjects you most enjoy and have a passion for. The Social Sciences faculty has a group of well qualified and experienced teachers who believe in supporting all students to achieve their personal best.

YEAR 12 COURSES

12BUS

BUSINESS STUDIES

The study of business is about how people organise, plan, and act to create and develop goods and services to satisfy customers. This is influenced by cultural, ethical, environmental, political, and economic factors. This course will develop your understanding of business theory and practice and will look at topics like leadership, corporate culture, social expectations, technology changes and laws. Students will undertake market research, write a business plan and run their own business at a market day. This is an open entry course.

Credits available	
L2	AS
Internal	12
External	8
Total	20

12CLS

CLASSICAL STUDIES

Classical Studies is the study of the classical world of Greece and Rome and how it helps us to understand ourselves in a bicultural society. This course consists of exploring community, cultural identity, values, and perspectives and thinking critically about human behaviour and relationships. As well this course is interdisciplinary: students engage with literature, art, history, religion, and philosophy. This is an open entry course but an interest in reading and writing is recommended.

Credits available	
L2	AS
Internal	10
External	10
Total	20

12ECO

ECONOMICS

Economics is the study of the choices people make about the use of limited resources to satisfy unlimited wants. It helps to explain and predict how goods and services will be produced and consumed. It will tell you who gets what, how, and why. This course will study the economic issues that all countries must address - how to improve employment and international trade, and control inflation, and what government policies can be used. E.g. How can we improve our standard of living, will the changing exchange rate affect me? What are the economic impacts of hosting an event like the Rugby World Cup? This is an open entry course.

Credits available		
L2	US	AS
Internal	3	10
External		8
Total	21	

12GEO

GEOGRAPHY

Geography explores the relationships between people and the natural and cultural environments. Geography is a useful subject for understanding how the world functions by developing literacy skills, critical analysis, and global citizenship. This course consists of four main internal topics; CSI Crime in Chicago, a contemporary New Zealand geographic issue, HIV/AIDS as a global humanitarian crisis, Coastal Processes at Muriwai Beach. The one external topic; The volcanic history of the TVC and how people have changed their use of the environment over time. There is a field trip to Muriwai Beach in Term 2. This is an open entry course.

Credits available	
L2	AS
Internal	14
External	4
Total	18

12HIS

HISTORY

History is the study of how people's lives have been affected by events in the past. History is a useful subject that helps to develop literacy skills, critical thinking and persuasive writing. It also helps us to understand change and why society is the way it is. This course consists of three main topics: The rise of Hitler, USA in the 1920s and the Russian Revolution. This is an open entry course, but an interest in reading and writing is recommended.

Credits available	
L2	AS
Internal	14
External	9
Total	23



12SOS

SENIOR SOCIAL STUDIES

Senior Social Studies is the study of culture and society, and why it is the way it is. In this course, we learn about society, and the ways people try and change the societies they live in. This is a full year course and is in two parts. In the first part, we focus on why contemporary society is the way it is. In the second part, we look at how and why people try and change their society or culture. This is an open entry course, but it will be helpful if you have taken 11 Senior Social Studies and/or gained at least a merit endorsement in 11 English or History.

Credits available		
L1	US	AS
Internal	8	9
External		4
Total	21	

12TOU

TOURISM AND THE TRAVEL INDUSTRY

Tourism is a practical subject that gives students real-world learning in New Zealand's largest industry. The subject offers standards that are directly relevant to students that are interested in the careers and opportunities within the tourism, travel and hospitality industry. By taking Tourism you will develop an understanding of the characteristics and needs of tourism, look at case studies on the world and national tourist destinations, and examine the business of tourism and the work roles within it. This is an open entry course. There is a field trip to some attractions in and around Auckland in Term 3.

Credits available	
L2	US
Internal	26
External	
Total	26

YEAR 13 COURSES

13BUS

BUSINESS STUDIES

This course will provide an authentic and engaging life experience. Students will participate in the Lion Foundation Young Enterprise Scheme (YES). Students run their own business enterprise throughout the year and will become company directors who design, market and sell a real product or service of their choice. Alongside NCEA credits students will develop soft skills crucial for their future including creativity, critical thinking, problem-solving, communication, teamwork, time management and decision making.

This course is an approved UE subject. You will need to have 14 credits or higher in L2 Economics or Business Studies or permission of Faculty Coordinator to take this course.

Credits available		
L3	AS	US
Internal	15	3
External	3	
Total	21	

13CLS

CLASSICAL STUDIES

Classical Studies is the study of the classical world of Greece and Rome and how it helps us to understand ourselves in a bicultural society. This course consists of thinking critically about sources and examining values. The key concepts are Citizenship and society, Culture and identity, Empire and power, Conflict, Art and Heritage. Students will engage with literature, art, history, religion, and philosophy. This course is an approved UE subject and is open entry but a high level of interest in reading and writing is recommended.

Credits available	
L3	AS
Internal	12
External	10
Total	22

13ECO

ECONOMICS

Economics is the study of the choices people make about the use of limited resources to satisfy unlimited wants. It helps to explain and predict how goods and services will be produced and consumed. It will tell you who gets what, how, and why. This course covers macro and microeconomics. You will learn about current economic issues facing New Zealand and why the Government gets involved in our economy. This course is an approved UE subject. This is an open entry course.

Credits available	
L3	AS
Internal	10
External	10
Total	20

13GEO

GEOGRAPHY

Geography explores the relationships between people and the natural and cultural environments. It investigates the ways in which features are arranged on the earth's surface; the patterns and processes that create them. Geography is a useful subject for understanding how the world functions through developing literacy skills, critical analysis, and global citizenship. This course consists of four main internal topics: Planning significant events in Auckland, Auckland Traffic Congestion, Process research focusing on Tongariro and the global Blood Diamond trade. There is a two-day field trip to Muriwai Beach in Term 2. This is an open entry course. This is a UE approved course.

Credits available	
L3	AS
Internal	14
External	4
Total	18



13HIS

HISTORY

History is the study of how people's lives have been affected by events in the past. History is a useful subject that helps to develop literacy skills, critical thinking and persuasive writing. It also helps us to understand change and why society is the way it is. This course consists of two main topics: The Cold War, and New Zealand in the 19th Century. This is an open entry course but an interest in reading and writing is highly recommended. This is a UE approved course.

Credits available	
L3	AS
Internal	15
External	4
Total	19

13SOS

SENIOR SOCIAL STUDIES

In this course, we learn about colonialism and imperialism and their impacts on the world - and especially on indigenous people. We study colonialism and the impact of empires and we look at how people have responded to the problems caused by colonialism and imperialism. This is an approved UE course. This is an open entry course, but it will be helpful if you have taken 12 Senior Social Studies and/or gained at least a merit endorsement in 12 English or History. This is a UE approved course.

Credits available	
L3	AS
Internal	12
External	8
Total	20

13TOU

TOURISM AND THE TRAVEL INDUSTRY

Tourism examines the operation of the travel industry in New Zealand, Australia, Europe and Pacific Island settings. This course is web based as students are required to find current information from industry sources. Students become proficient in searching, processing and communicating current travel information to demonstrate their knowledge of the operation of the travel industry and tourism geography. This is NOT a UE course. There may be opportunities for day courses worth credits throughout the year.

Credits available	
L3	US
Internal	30
External	
Total	30



TECHNOLOGY FACULTY

Technology is the creative and purposeful use of human knowledge, skills and physical resources to solve practical problems. It involves developing objects, systems or environments. Technology is part of our daily lives, both at home and at work. Technology education develops a wide range of skills including problem-solving, design, construction, critical thinking, analysis, synthesis and evaluation.

YEAR 12 COURSES

12DVC

DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication encompasses two different design disciplines of Spatial and Product which are best presented using any media or digital technologies. Spatial meaning designed space of Architecture, Interior, Landscape, Public and Private. Product design involves imagining and creating objects meant for mass production. This course consists of Architectural Design and Product Design using Designed Heritage, Design Principles, Designer Theory with Graphics practice skills of sketching, rendering, drawing, analysis, decision making whilst resolving a design brief. You will need to be able to project manage your time well. Sketching, Drawing, creative thinking and be able to problem-solve are valuable skills.

Credits available	
L2	AS
Internal	13
External	3
Total	16

12HOS

HOSPITALITY

Students will study food preparation and the service industry to a professional standard. This course is designed to enable students to gain skills in the catering and hospitality industries. It has a practical component so there will be a cost involved. This course is open entry.

Credits available	
L2	US
Internal	20
External	
Total	20

12TCT

TEXTILES TECHNOLOGY

Textiles Technology uses a range of materials to develop a brief. Students further explore, learn and apply knowledge to find creative solutions to problems, either conceptual or practical. Students will further develop their independent working and learning habits, their ability to think objectively and critically as well as develop their own style and skills. This course follows on from Year 11 Textiles and students need to have good project management skills.

Credits available	
L2	AS
Internal	16
External	4
Total	20

12TDD

DIGITAL DESIGN TECHNOLOGY

Studying Digital Media Design enables you to develop applied digital skills, understand effective design and the elements of an interactive digital product combining multimedia that make it fit for purpose. You will manage your own project and have creative direction over the look and function of your design. Suitably qualified professionals with design skills and understanding of user experience are in short supply. This course prepares Year 12 students for 13TDD.

Credits available	
L2	AS
Internal	16
External	4
Total	20

12TDP

DIGITAL TECHNOLOGY PROGRAMMING

Digital Technology is the study of the computational concepts, design skills and technical understandings that underpin the creation of digital products and systems. New Zealand has a significant shortage of qualified IT professionals. Although Studying Digital Technology is relevant no matter what your professional career aspirations, choosing Digital Technology will open up many pathways to well-paid careers. This course consists of project planning, digital design, programming and coding skills, and systematic product evaluation. Studying Digital Technology is relevant no matter what your professional career aspirations. You will develop your digital skills and your understanding of effective design.

Credits available	
L2	AS
Internal	19
External	3
Total	22



YEAR 13 COURSES

13DVC

DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication encompasses two different design disciplines of Spatial and Product which are best presented using any media or digital technologies. Spatial meaning designed space of Architecture, Interior, Landscape, Public and Private. Product design involves imagining and creating objects meant for mass production. This course consists of Architectural Design and Product Design using Designed Heritage, Design Principles, Designer Theory with Graphics practice skills of sketching, rendering, drawing, analysis, decision making whilst resolving a design brief.

You will need to be able to project manage your time well. Sketching, Drawing, creative thinking and be able to problem-solve are valuable skills.

Credits available	
L3	AS
Internal	12
External	4
Total	16

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Credits available	
L3	AS
Internal	16
External	4
Total	20

13TDD

DIGITAL DESIGN TECHNOLOGY

Studying Digital Media Design enables you to develop applied digital skills, understand effective design and the elements of an interactive digital product combining multimedia that make it fit for purpose. You will manage your own project and have creative direction over the look and function of your design. Suitably qualified professionals with design skills and understanding of user experience are in short supply. This course is an approved UE subject.

Credits available	
L3	AS
Internal	16
External	4
Total	20

