

**Epsom Girls
Grammar School**



**YEAR 13
Course Selection
2019**

CONTENTS

YEAR REQUIREMENTS AND QUALIFICATIONS	6
COURSES AVAILABLE IN 2019	10
ARTS LEARNING AREA	12
Design – 13ADE - UE Approved subject	13
Painting – 13APA- UE Approved subject	13
Printmaking – 13APR- UE Approved subject	14
Sculpture – 13ASC- UE Approved subject	15
Photography – 13APH- UE Approved subject	16
Art History Renaissance – 13AHR- UE Approved subject	16
Art History Modern – 13AHM- UE Approved subject	17
Drama – 13DRA- UE Approved subject	18
Performance Music – 13MUP - UE Approved subject	19
Music Studies – 13MUS - UE Approved subject	19
ENGLISH LEARNING AREA	20
English – 13ENG - UE Approved subject	21
English – 13ENS Shakespeare- UE Approved subject	21
English – 13ENF Foundation - UE Approved subject	22
ESOL – 13ESL	22
EAP – 13EAP	23
Literacy – 13LIT	24
Media Studies – 13MED- UE Approved subject	24
LANGUAGES LEARNING AREA	25
Chinese as a Second Language – 13CHN - - UE Approved subject	26
Chinese Heritage Language– 13CHS - UE Approved subject	26
Classical Studies – 13CLS- UE Approved subject	27
French – 13FRE- UE Approved subject	28
Japanese – 13JPN- UE Approved subject	28
Latin – 13LAT- UE Approved subject	29
Spanish – 13SPA- UE Approved subject	29
Te Reo Māori – 13MAO- UE Approved subject	30
MATHEMATICS LEARNING AREA	31
Calculus – 13CAL- UE Approved subject	32
Mathematics – 13MTH- UE Approved subject	32
Statistics A – 13STA- UE Approved subject	33
Statistics B – 13STB- UE Approved subject	34

PHYSICAL EDUCATION AND HEALTH	35
Early Childhood Education – 13ECE	36
Health Sociology & Investigations – 13HEA - UE Approved subject	36
Sports Science – 13PSS- UE Approved subject	37
SCIENCES LEARNING AREA	38
Biology - 13BIO- UE Approved subject	39
Chemistry – 13CHE- UE Approved subject	39
Environmental Science – 13EVS- a mix of standards	40
Physics – 13PHY- UE Approved subject	41
SOCIAL SCIENCES LEARNING AREA	42
Accounting – 13ACC- UE Approved subject	43
Business Enterprise & Legal Studies – 13BLS	43
Business Studies – 13BUS - UE Approved subject	44
Economics – 13ECO- UE Approved subject	45
Geography – 13GEO- UE Approved subject	46
History – 13HIS- UE Approved subject	47
Travel and Tourism – 13TRT	47
TECHNOLOGY LEARNING AREA	49
Design Technology – 13DET- UE Approved subject	50
Digital Technologies – 13DIT- UE Approved subject	51
Food Technology - 13FTE - UE Approved subject	51
Hospitality- 13HOS	52
Graphics – 13GRA - UE Approved subject	53
Textiles and Design – 13TEX- UE Approved subject	53
LEARNING CENTRE	54
Learning Skills Programme– 13LSP	54
CAREER EDUCATION	55
Vocational Pathways – 13VPT	55
SUBJECT CHOICE - A HELPFUL GUIDE	56
ONLINE COURSE SELECTION GUIDE	57
TIMELINE FOR CHOOSING YOUR 2019 OPTIONS	58

Course Costs

Some subjects specify a course cost to cover the expense of special materials, trips or services which form part of the programme. Without this payment the programme would not have the desired support and richness of learning.

These costs are specified in advance so parents are aware of their commitment before their daughter enrolls in this course.

Dear Year 12 2018 students and parents

It is time for us to begin planning the option structure and staffing required for 2019. Your choice of courses will dictate our option structure and we would like you to consider carefully the courses open to you and to let us know subject course choices as soon as possible.

The course structure chart on Pages 10 and 11 indicates compulsory and option courses at each year level. In the main body of this booklet course content for each subject is outlined, as well as details of NCEA assessments.

In addition to this booklet you will also need to refer to the *Career Education Pathways Booklet* which gives important information about tertiary institution entry requirements as well as career pathways information. Students going into Year 13 in 2019 should **check these requirements carefully** and make sure that the programme of study they choose keeps more than just one tertiary study option open to them. Please feel free to contact the Careers Department if you have further questions about tertiary education.

To help with the decision-making process there are two evenings you might wish to attend. The first is a **Pathways Information Evening** where tertiary providers will display their programmes and answer any questions

Date: Thursday 26 July 2018
Time: 5.30 – 7.30pm
Venue: Marjory Adams Hall

and the second is the **Senior Options Evening** where teachers will be available to discuss programmes being offered in 2019:

Date: Thursday 2 August 2018
Time: 6.00 – 7.30pm
Venue: In Departments and Learning Areas

An online Course Selection Form will be available on the **Web Portal** on **Monday 30 July**. Please discuss your daughter's subject choices and ensure she completes this form no later than **8am Monday 13 August 2018**. Take careful note of the subject course codes. Any students making returns after this date may find that some courses are full and that an alternative must be chosen. The same will apply to anyone who wishes to change subjects. This will be possible only if courses are not full and the new choices fit the option blocks which are established from initial choices.

To aid your completion of this form you will find instructions and a full list of subject course codes at the back of this booklet.

If you require further help, please contact your daughter's Dean or the staff member in charge of the subject course in which you are interested.

We hope that you find this booklet helpful in thinking about subject course choices for 2019.

Yours sincerely



Mrs Lorraine Pound
Principal



Karyn Dempsey
Deputy Principal

YEARS 11 – 13 – NCEA AND SCHOLARSHIP

LEVEL 1 - YEAR 11	LEVEL 2 - YEAR 12	LEVEL 3 - YEAR 13	SCHOLARSHIP - YEAR 13
<p>Level 1 NCEA</p> <p>To gain a Level 1 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 1.</p> <p>Literacy:</p> <ul style="list-style-type: none"> ● 10 specified Literacy credits <p>Numeracy:</p> <ul style="list-style-type: none"> ● 10 specified Numeracy credits <p>Literacy credits can be gained from a range of subjects including Accounting, Biology, Drama, Economics, English, Geography, Health, History, Languages, Music, Sports Science and Technology</p> <p>Numeracy credits can be gained from subjects including Biology, Geography, Graphics, Mathematics and Physics</p>	<p>Level 2 NCEA</p> <p>To gain a Level 2 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 2. The other 20 credits can be at any level.</p> <p>Level 1 Literacy and Numeracy must be achieved to gain Level 2.</p>	<p>Level 3 NCEA</p> <p>To gain a Level 3 Certificate in NCEA students must gain 80 credits. At least 60 credits must be at Level 3 and 20 at Level 2 or above.</p>	<p>The New Zealand Scholarship examinations</p> <p>Students may enter to sit one or more Scholarship examinations as well as their Level 3 NCEA Standards. Scholarship examinations extend very able students and offer monetary awards ranging from one off payments of \$500 right up to \$10,000 each year for three years of tertiary study in New Zealand. The examinations are designed to extend academic students, requiring them to demonstrate high-level abstract and critical thinking. (Scholarship is not a qualification and does not generate credits towards NCEA). For further information visit the New Zealand Qualifications Authority website: www.nzqa.govt.nz or see the relevant Head of Department, Mr Nowell or Ms Dempsey</p>
<p>Year 11 students study:</p> <ul style="list-style-type: none"> ● English / ESOL ● Mathematics ● Science (1 or 2 option lines) ● 3 or 2 option subjects (depending on the Science choice above) ● Physical Education and Health Prog 	<p>Year 12 students study:</p> <ul style="list-style-type: none"> ● English / ESOL ● 5 option subjects ● Physical Health Programme 	<p>Year 13 students study:</p> <ul style="list-style-type: none"> ● 5 option subjects ● A tutorial/study option 	

UNIVERSITY ENTRANCE (UE)	
LEVEL 1 – YEAR 11	<p><i>University Entrance: (UE) Numeracy</i></p> <p>Students need a minimum of 10 credits at Level 1 or above in specified Numeracy standards</p>
LEVEL 2 – YEAR 12	<p><i>University Entrance: (UE) Literacy</i></p> <p>Students need 10 credits at Level 2 or above, made up of:</p> <ul style="list-style-type: none"> ● 5 credits in Reading (UE R) ● 5 credits in Writing (UE W) <p>NB: A standard that counts for both UE reading and writing will be identified as UE Both.</p>
LEVEL 3 – YEAR 13	<p><i>University Entrance: (UE)</i></p> <ul style="list-style-type: none"> ● NCEA Level 3 ● 14 credits each, in 3 approved subjects <p>In addition to gaining UE students also may need to meet one or more of the following requirements (also see chart on following pages)</p> <ul style="list-style-type: none"> ● Ranked Score/Guaranteed Entry Score ● Individual Degree programme subject requirements ● Individual requirements – eg; portfolios, interviews etc.

APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE AND RANK SCORE		
Accounting	Education for Sustainability	Painting (Practical Art)
Agriculture and Horticulture	English	Photography (Practical Art)
Biology	French	Physical Education (Sports Science)
Business Studies	Geography	Physics
Calculus	German	Printmaking (Practical Art)
Chemistry	Graphics	Processing Technologies
Chinese	Health Education	Religious Studies
Classical Studies	History	Samoan
Construction and Mechanical Technologies	History of Art	Science
Cook Island Maori	Home Economics	Sculpture (Practical Art)
Dance	Indonesian	Social Studies
Design (Practical Art)	Japanese	Spanish
Digital Technologies	Korean	Statistics
Drama	Latin	Technology
Earth and Space Science	Mathematics	Te Reo Māori
Economics	Media Studies	Te Reo Rangatira
	Music Studies	Tongan

Make sure that you have chosen enough **University Approved** Level 3 subjects to gain the University Entrance qualification.



GUARANTEED ENTRY SCORE RANK SCORE CALCULATIONS

A Rank Score has been added to the New Zealand University Entrance requirement to enable universities to select students into courses. The universities who currently use this score or a Guaranteed Entry Score are The University of Auckland, AUT, Victoria University, Massey University, Canterbury University and the University of Otago. Please note that Otago, Massey and Canterbury have added the rank score as a series of guaranteed entry points that students can obtain prior to applying. It may be possible to gain entry with basic UE but the Rank Score gives them guaranteed or preferential entry.

Also note that individual degree programmes may have specific additional subject and/or level requirements. Year 13 students should aim to take at least 4 approved subjects for University Entrance to keep their options open. This means that Year 11 and 12 students need to plan subject pathways ahead so that they are able to take at least 4 approved subjects in Year 13.

Rank Score is based on the following:

Top 80 credits in up to 5 approved subjects	X 2 for Achieved = 160 points
	X 3 for Merit = 240 points
	X 4 for Excellence = 320 points

The University of Auckland also has the Table A and B system for some of their programme entry criteria requirements. Commerce, Architecture, Health Sciences, Nursing, and Property. Please check the specific faculty requirements.

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

** Cannot be used in combination with Calculus and/or Statistics*

University of Auckland Academic English language requirement

All students who are interested in applying to a degree course at The University of Auckland will need to meet the following requirement in order to be offered an unconditional place at the University:

- **A minimum of 17 credits in English at Level 2 and/or 3**

If an applicant does not meet this requirement, they will have a further opportunity to strengthen their preparation in this key competency while undertaking the initial stage of their degree studies. Otherwise qualified applicants who do not meet this standard will still be admitted to the University but their ongoing enrolment will be conditional on passing a specified for-credit course in academic English in their first year of university study.



COURSES AVAILABLE IN 2019

LEARNING AREA	YEAR 10	YEAR 11	YEAR 12	YEAR 13
ARTS	Art (half year) Art (full year)	Art Photography	Design Painting Printmaking Sculpture Photography Art History	Design Painting Printmaking Sculpture Photography Art History-Modern Art History- Renaissance
	Drama (half year) Drama (full year)	Drama	Drama	Drama
	Music (half year) Music (full year)	Music	Performance Music Music Studies	Performance Music Music Studies
ENGLISH	<i>English</i>	<i>English</i>	<i>English</i>	English English Shakespeare
	English for Speakers of Other Languages	Foundation English ESL ESU	Foundation English ESL Media Studies	English Foundation EAP ESL Literacy Media Studies
		Writing for Publication		
LANGUAGES OTHER THAN ENGLISH	Chinese Second Language	Chinese Second Language	Chinese Second Language Chinese Heritage Language Classical Studies	Chinese Second Language Chinese Heritage Language Classical Studies
	French	French	French	French
	Japanese	Japanese	Japanese	Japanese
	Latin	Latin	Latin	Latin
	Spanish	Spanish	Spanish	Spanish
Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	
MATHEMATICS	<i>Mathematics</i>	<i>Mathematics</i> <i>Core Mathematics</i> <i>Foundation</i> <i>Mathematics</i>	Mathematics Calculus Mathematics Combine Mathematics Statistics	Calculus Mathematics Statistics A Statistics B



LEARNING AREA	YEAR 10	YEAR 11	YEAR 12	YEAR 13
PHYSICAL EDUCATION AND HEALTH	<i>Health</i>	Health Sociology & Investigations	Child Development Health Sociology & Investigations	Early Childhood Ed Health Sociology & Investigations
	<i>Physical Education</i>	<i>Physical Education & Health Programme</i> Sports Science	<i>Physical Health Programme</i> Sports Science	Sports Science
SCIENCE	<i>Science</i>	<i>Science - 2 or 4 of</i> * <i>Biology</i> * <i>Chemistry</i> * <i>Earth & Space</i> * <i>Physics</i> Human Biology	Biology Chemistry Physics	Biology Chemistry Physics
	Environmental Studies	Environmental Science	Environmental Science	Environmental Science
SOCIAL SCIENCES	Business Studies	Accounting	Accounting Business Studies	Accounting Business Studies Business Enterprise & Legal Studies
	<i>Social Studies</i>	Economics Geography History	Economics Geography History Legal Studies Travel & Tourism	Economics Geography History Travel & Tourism
TECHNOLOGY	<i>Technology</i> Digital Technologies Food Technology	Design Technology Digital Technologies Food Technology	Design Technology Digital Technologies Food Technology Hospitality	Design Technology Digital Technologies Food Technology Hospitality
	Graphics Textiles & Design	Graphics Textiles & Design	Graphics Textiles & Design	Graphics Textiles & Design
LEARNING CTR	Learning Skills Prog	Learning Skills Prog	Learning Skills Prog	Learning Skills Prog
CAREER EDUCATION			Vocational Pathways	Vocational Pathways

A subject printed in *italics* is compulsory

A subject printed in **heavy type** has a pre-requisite, and at certain levels will require a minimum standard for achievement in the previous year.

There is a reception class for students with little familiarity with English.

There may be changes to this list for 2019. Availability of subjects will depend on sufficient student numbers and staffing.



ARTS LEARNING AREA

Study in the Arts activates creativity and challenges, affirms and celebrates expressions of self, community and culture. As students express and interpret ideas within creative, aesthetic, and technological frameworks, their confidence to take risks is increased.

In the Arts, students learn to work both independently and collaboratively to construct meaning, produce work, and respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions.

Studying the Arts enhances students' personal well-being and provides students with skills that are in great demand in our modern world.

Students' who study any or multiple Arts subjects learn how to communicate, think, critique, take risks, relate to others, participate and engage in life!

Year 11: NCEA Level 1

Art

Photography

Drama

Music

Year 12: NCEA Level 2

Design

Painting

Printmaking

Sculpture

Photography

Art History

Drama

Performance Music

Music Studies

Year 13: NCEA Level 3

Design

Painting

Printmaking

Sculpture

Photography

Art History Renaissance

Art History Modern

Drama

Performance Music

Music Studies



Design – 13ADE - UE Approved subject

Pre-requisite: Year 12 Design with at least an Achieved in the external standard or by pre approval by the TIC of Design.

Course Information

Level 3 Art Design aims to consolidate students' practical design skills using a combination of hand drawn and computer processes to develop ideas. Students generate their own brief for their three board folio submission with the potential to study many different aspects of design including: Logo design, Typography (Lettering), Layout design – eg: Website Design, Magazines, Books, Brochures, Tickets, Posters, Advertising, Packaging and some 3-D Object Design. Creative thinking, critical thinking and independent work habits are valuable skills that students can take with them into Tertiary study and beyond. There are two major assessments, one internal and one external.

Course Cost: There is a \$60 Art fee that includes external folio submission costs. Students will also purchase additional individual equipment listed as stationery.

Course Assessment - Standards assessed

Internal	4 credits	AS 91450 Systematically clarify ideas using drawing informed by established design practice
External	14 credits	AS 91455 Produce a systematic body of work that integrates conventions and regenerates ideas within design practice

Future Areas of interest and study

Architecture, Bachelor of Design, Bachelor of Fine Art, Variety of Diploma studies in Design and Visual Arts including Spatial, Digital, Multi-Media, Moving Image, Interior, Jewellery, Media, Fashion, Film, Publishing, Web Development, Advertising, Marketing.

Who to talk to: TIC Design, Ms L Murphy

Painting – 13APA- UE Approved subject

Pre-requisite: Year 12 Painting with an Achieved in the external standard or by pre approval by the TIC of Painting.

Course Information

Students will complete 2 major submissions of work to develop and extend their conceptual and technical skills with processes and procedures in Painting practice. The Internal components of this course will consist of work presented as an individual response to set research and practical tasks.

The External component is a three board folio submission, due early Term 4, and is assessed individually by a panel of external markers.

Critical, reflective and creative thinking skills, independent approaches to problem solving and self-directed learning, essential for tertiary study, are promoted and developed.

Course Cost: There is a \$60 Art fee that includes external folio submission costs. Students will also purchase additional individual equipment listed as stationery.



Course Assessment - Standards assessed

Internal	4 credits	AS 91451 Systematically clarify ideas using drawing informed by established painting practice
External	14 credits	AS 91456 Produce a systematic body of work that integrates conventions and regenerates ideas within Painting practice.

Future Areas of interest and study

Scholarship, Bachelor of Fine Arts, Bachelor of Visual Communication Design, Variety of Diploma studies in Visual Arts - Painting, Printmaking, Design, Architecture, Media, Fashion, Film.

Who to talk to: TIC Painting Ms Ella Brewer, or Ms Christoffersen

Printmaking – 13APR- UE Approved subject

Pre-requisite: Year 12 Printmaking or any other year 12 Art subject where the student has Achieved in the external standard or by pre approval by the HOD of Art.

Course Information

Students will learn about and extend their control of a wide range of interesting traditional and contemporary printmaking techniques, including drypoint and copper sulphate etching, pronto-plate, woodblock, embossing, monoprint and screen-printing techniques. Students will be encouraged to integrate techniques and develop their own experimental approaches in accordance with contemporary Print practice. The year's work will consist of two major submissions.

Course Cost: \$100 Art fee that includes external folio submission costs, specialty printmaking materials, plus additional individual equipment listed as stationery (print pack).

Course Assessment - Standards assessed

Internal	4 credits	AS 91453 Systematically clarify ideas using drawing informed by established printmaking practice.
External	14 credits	AS 91458 Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking practice.

Future Areas of interest and study

This is a Scholarship subject. At tertiary level, students will be able to apply for courses including Bachelor of Fine Arts and Visual Arts degrees and a variety of Diploma studies in the Visual Arts - Printmaking, Painting, Design, Architecture, Media, Fashion and Film.

Who to talk to: TIC Printmaking, Rachael Grant



Sculpture – 13ASC- UE Approved subject

Pre-requisite: Prefer any Year 12 Visual Art or Photography subject (ideally Year 12 Sculpture, but not compulsory) with an Achieved in the external standard or by pre-approval of the TIC.

Course Information

Sculpture is an exciting and diverse visual arts course, highly reflective of current contemporary art practice. We place a high emphasis on contemporary and experimental modes of engaging with three-dimensional form and communicating ideas in a three-dimensional way.

Sculpture students will work with diverse and unique materials. Sculptural ideas can often be expressed through relevant sub-disciplines such as performance art, sound art, video/time-based art, social-practice art, and installation art. In using a visual diary and referring to an extensive and exciting range of contemporary sculptors, students will research, explore, generate and clarify their ideas. Students will learn how to select and use a wide range of sculpture materials in ways that best explore thematic questions and communicate ideas.

Adaptive, innovative and creative problem solving are key attributes that students who take this course tend to adopt quickly. These skills are highly relevant to a diverse range of tertiary and career pathways that are project and/or research based.

Course Cost: There is a \$60 Art fee that includes external folio submission costs. Students will also purchase additional individual equipment listed as stationery.

Course Assessment - Standards assessed

Internal	4 credits	AS 91454 Systematically clarify ideas using drawing informed by established sculpture practice.
External	14 credits	AS 91459 Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture practice.

Future Areas of interest and study: Scholarship for Sculpture | Bachelors degree in: Fine Arts, Visual Arts, Design, Stage/Screen Design, Architecture (Interior, Landscape) | Diploma studies in: Visual Arts, Design, Set/Props, Film/Television | Other tertiary courses with heavy research and/or project-based programs.

Who to talk to: TIC Sculpture, Jonathan Cameron



Photography – 13APH- UE Approved subject

Pre-requisite: Year 11 and/or Year 12 Photography. Prefer students to have their own single lens reflex digital camera (we recommend the Canon EOS range e.g. 1200D) though the department does have some cameras available for hire.

Course Information

During this course students will generate and develop an individually conceived and driven photographic investigation. The thematic study, approach, artist models and technical format will be entirely selected by the student as they work through the challenges and concepts of their investigation. Students will keep a visual diary to research, experiment and document the process of their work. The visual diary is used to assess work for the internal standard while running concurrently with practical investigations for the external folio submission. It also provides the foundation of work presented for the scholarship standard and can be used in portfolios that are required for entrance to the many tertiary art courses available. The external component is a three board folio submission, due early Term 4.

Course Cost: \$100 Materials fee that includes external folio submission costs and specialty inkjet paper.

Course Assessment - Standards assessed

Internal	4 credits	AS 91452 Systematically clarify ideas using drawing informed by established photography practice.
External	14 credits	AS 91457 Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.

Future Areas of interest and study

Scholarship, Bachelor of Fine Arts, Bachelor of Visual Arts, Variety of Diploma studies in Visual Arts - Photography, Design, Architecture, Media, Fashion, Film, Freelance Photography, Photo Journalism, Commercial Photography, Film Stills, Forensic Photography.

Who to talk to: HOD of Photography Mrs Martin

Art History Renaissance – 13AHR- UE Approved subject

Pre-requisite: Either Art History, English, History or Classics at Year 12 an advantage.

Course Information

Understanding the impact and effect of historical change through the study of art provides a unique and interesting way to engage with philosophical, theoretical and contextual aspects of culture and society. This course covers changing styles and meaning in European Renaissance art from the 14th to 15th Centuries including the works of Giotto and Leonardo da Vinci. Students will engage with aspects of philosophy, history, politics, society and belief systems and values that have shaped western culture. Literacy and essay writing skills are an important component, alongside important analytical, critical and creative thinking skills. There will be two internal assessments and three external examination papers.

Course Cost: \$30 for course booklets.



Course Assessment - Standards assessed

Internal	4 credits	AS 91488	Examine the relationship(s) between a theory and art works	UE R
	4 credits	AS 91485	Examine the impact of media and processes on art works	UE R
External	4 credits	AS 91482	Demonstrate understanding of style in art works	UE Both
	4 credits	AS91483	Examine how meanings are communicated through art works	UE Both
	4 credits	AS91484	Examine the relationship(s) between art and context	UE Both

Future Areas of interest and study

Art History is a component of any Humanities, Art or Design degree course or can be studied as a subject at University. The visual, written and critical thinking skills of Art History can lead to careers in Law, Media, Advertising, Film, Architecture, Curating, Museum Studies, Journalism, Writing, Art, Design, Fashion and Photography.

Who to talk to: TIC Art History, Ms L Murphy, or Ms R Grant.

Art History Modern – 13AHM- UE Approved subject

Pre-requisite: Either Art History, English, History or Classics at Year 12 an advantage.

Course Information

Modern Art History examines changes and developments in ideas, history, politics, philosophy, technology and belief systems in the 20th Century and beyond. Art provides the lens through which to view and analyse history in this subject. This course is a varied and engaging way to analyse meanings and ideas through art while gaining knowledge of the broader historical and philosophical contexts of human history. Students will develop their vocabulary, paragraph and essay writing skills, as well as developing valuable analytical, critical and creative thinking skills to take with them beyond school. The course includes an overview of Art History from the classical period, then continues with a more in-depth course study of modern and postmodern art including Surrealism and Pop Art.

Course Cost: \$30 for course booklets

Course Assessment - Standards assessed

Internal	4 credits	AS 91488	Examine the relationship(s) between a theory and art works	UE R
	4 credits	AS 91485	Examine the impact of media and processes on art works	UE R
External	4 credits	AS 91482	Demonstrate understanding of style in art works	UE Both
	4 credits	AS91483	Examine how meanings are communicated through art works	UE Both
	4 credits	AS91484	Examine the relationship(s) between art and context	



Future Areas of interest and study

Art History is a component of any Humanities, Art or Design degree course or can be studied as a subject at University. The visual, written and critical thinking skills of Art History can lead to careers in Law, Media, Advertising, Film, Architecture, Curating, Museum Studies, Journalism, Writing, Art, Design, Fashion and Photography.

Who to talk to: TIC Art History; Ms L Murphy

Drama – 13DRA- UE Approved subject

Pre-requisite: 12 Drama or HOD approval by interview.

Course Information

The course prepares students for NCEA Level 3. Students will:

- Develop their knowledge of acting technique by reading, selecting and preparing a performance from two critically acclaimed NZ or international plays
- Take on a role in a major production to a public audience
- Research and analyse the social, historical and political world of several playwrights
- Compare the works of different playwrights and theorists
- Research, write and devise their own piece of drama in response to a person, event or topic
- Sit a written external examination in which students demonstrate their understanding of drama within live performances they have seen

The Year 13 production requires considerable extra commitment from students. They should be prepared to commit 2 weekends and 3 evenings for performance. The dates of these out-of-class rehearsals will be provided at the start of the year.

Students will attend a range of performances in preparation for writing critical responses required in their external examination. Students maintain an ongoing digital folder of written work in order to prepare for this examination and keep reflective records of their work. Many of the internal assessments require written submissions of some complexity.

Course Cost: \$55 for theatre visits

Course Assessment - Standards assessed

Internal	4 credits	AS 91512 Interpret scripted text to integrate drama techniques in performance	UE R
	5 credits	AS 91513 Devise and perform a drama to realise a concept	
	5 credits	AS 91517 Perform a substantial acting role in a significant production	UE R
External	4 credits	AS 91518 Demonstrate understanding of live drama performance	UE W

Future Areas of interest and study

The course leads to University and Performing Arts Courses such as the National School of Dance and Drama, Toi Whakaari (BA and Diploma in Stage Technology), Auckland and Victoria University drama degrees, Unitec Stage, Screen Arts or Theatre Technology degrees. It also feeds into AUT Bachelor of Communication Studies.

Who to talk to: Ms Druitt (HOD Drama)



Performance Music – 13MUP - UE Approved subject

Pre-requisite: Year 12 Music. At least 4 years of instrumental or vocal tuition and the ability to read music confidently, or HOD approval by interview.

Course Information

Students will experience the following aspects of music:

Group Performance, Solo Performance, Composition, Aural and Listening skills

Assessment:

Mainly internally assessed except the aural area.

There are some options for other student choices in the makeup of this course.

Course Assessment - Standards assessed

Internal	4 credits	AS 91418 Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group
	4 credits	AS 91417 Perform two programmes of music as a featured soloist
	8 credits	AS 91419 Communicate musical intention by composing three original pieces of music, or
	8 credits	AS91849 Compose three original songs that express imaginative thinking
External	4 credits	AS 91420 Integrate aural skills into written representation

Future Areas of interest and study

Scholarship, University and Polytech courses, TV, radio, journalism, professional musician, advertising, media, arts management, teaching.

Who to talk to: Mr Thomas (Head of Music) or Ms Orr, Miss Chong & Mrs Le Cren.

Music Studies – 13MUS - UE Approved subject

Pre-requisite: Year 12 Music. At least 4 years music tuition and the ability to read music confidently, or HOD approval by interview.

Course Information

Students taking this course will experience the following aspects of music:

Listening and analysis skills within the context of the study of music history topics.

Topic studies in music history and set works.

Research, Harmonic and Tonal conventions, Arranging.

Course Assessment - Standards assessed

Internal	14 credits	AS 91424 Create two arrangements for an ensemble	UE R
		AS 91425 Research a music topic	
		AS 91422 Analyse a substantial music work	
External	8 credits	AS 91423 Examine the influence of context on a substantial music work	
		AS 91421 Demonstrate understanding of harmonic and tonal conventions in a range of music scores	

Future Areas of interest and study

Scholarship, University and Polytech courses, TV, radio, journalism, professional musician, advertising, media, arts management, teaching.

Who to talk to: Mr Thomas (Head of Music) or Ms Orr, Miss Chong & Mrs Le Cren.



ENGLISH LEARNING AREA

The English programme aims for students to become literate, articulate, creative and confident users of language.

The study of English enables students to create and make meaning effectively in order to understand and reflect critically on a wide range of literature and language.

Year 11: NCEA Level 1 Year 12: NCEA Level 2 Year 13: NCEA Level 3

English (Level 1)

English (Level 2)

English ENG (Level 3)

English ENS (Level 3)

Foundation English
(Level 1)

Foundation English
(Level 2)

English ENF (Level 3)

EAP (Level 4 EAP)

ESL (Level 1 Literacy)
ESU (Level 2 EL)

ESL (Level 3 EAP)

ESL (Level 4 EAP)

Literacy (Level 2)

Writing for Publication
(Level 1)

Media Studies (Level 2)

Media Studies (Level 3)

Note: EL
(English Language)



English – 13ENG - UE Approved subject

Pre-requisite: Completion of Year 12 English course to a satisfactory standard.

Course Information

A varied literature study that will require students to make connections across a wide range of texts. The course will include a comparative film study, an oral presentation and prepare students to become discerning readers and competent users of language.

Course Assessment - Standards assessed

Internal	3 credits	AS 91476 Oral Presentation	
	3 credits	AS 91480 Close reading of visual texts	
	4 credits	AS 91478 Making Connections across texts	
External	4 credits	AS 91472 Respond critically to written text(s)	UE Both
	4 credits	AS 91473 Respond critically to visual text(s)	UE W
	4 credits	AS 91474 Respond critically to unfamiliar texts	UE R

This assessment programme may be amended for 2019 to meet student needs.

Future Areas of interest and study

The ability to communicate across a wide range of visual and written media is essential in the 21st century. English study at this level trains students to think critically and provides students with a sound basis for tertiary study. It will also encourage a life-long interest in literature and ideas.

Who to talk to: Mrs Frew or Mrs Vaughan

English – 13ENS Shakespeare - UE Approved subject

Pre-requisite: Completion of Year 12 English course to a satisfactory standard.

Course Information

The course will require students to study a range of contemporary and classic literary texts including a Shakespeare play and one film. The course will also include an oral presentation and literature research with critical reading.

Course Assessment - Standards assessed

Internal	4 credits	AS 91479 Using critical texts	UE R
	6 credits	AS 91475 Writing Portfolio	UE W
External	4 credits	AS 91472 Respond critically to written text(s)	UE Both
	4 credits	AS 91473 Respond critically to visual text	UE W
	4 credits	AS 91474 Respond critically to unfamiliar texts	UE R

Future Areas of interest and study

English study at this level trains students in critical analysis, communication and the ability to process information, all of which are valued in a wide variety of careers. This course also provides students with a sound basis for tertiary study. It will also encourage a life-long interest in literature and ideas.

Who to talk to: Mrs Frew



English – 13ENF Foundation - UE Approved subject

Pre-requisite: By invitation only.

Course Information

This course is a supported programme and offers the study of a range of texts. It includes film study, wide reading, speaking and listening skills. There is an emphasis on developing writing skills. This course is suitable for students who wish to continue to explore sophisticated themes in literature and make connections between texts. As this course is made of Level 3 English standards, the content of the course is highly academic and sophisticated in language, therefore students progressing from ESOL classes may find the class challenging. .

Course Assessment - Standards assessed

Internal	3 credits	AS 91480 Close Reading Film	
	6 credits	AS 91475 Writing Portfolio	UE W
	3 credits	AS 91476 Oral Presentation	
	4 credits	AS 91478 Making Connections across texts	
External	4 credits	AS 91472 Respond critically to written text.	UE R/W

Total: 16 credits or 20 credits

Future Areas of interest and study

Students will develop reading, writing and communication skills necessary for success in a wide variety of careers. Qualifications in English at Level 3 are widely applicable to most tertiary studies.

Who to talk to: Ms Krishnan

ESOL – 13ESL

Pre-requisite: English is not the student's first language.

Course Information

This course offers the opportunity to extend skills of reading, writing, speaking, listening and studying in the NZ school context, so that students can continue developing their use of English. If students achieve all the assessment standards in the course, they will gain their Academic English Language Requirement (AELR) for the University of Auckland.

This course also forms the second part of a two year programme for those students who were in 12ESL last year.

Course Assessment - Standards assessed

ENGLISH ACHIEVEMENT STANDARDS

Internal	Level 2	4 credits	AS 91106 Wide Reading	UE R
External	Level 2	4 credits	AS 91098 Analyse Written Texts	UE Both

ENGLISH FOR ACADEMIC PURPOSES

Internal	Level 4	5 credits	US 22750 Write crafted text using researched material	UE W
		5 credits	US 22751 Read for academic purposes	UE R

Who to talk to: Mrs Loh



EAP – 13EAP

Pre-requisite: Students have only one or two remaining assessment standards to gain their Level 2 literacy for entrance to University.

Course Information

This course is for students who did not achieve one or two of the literacy assessments needed for entry to all New Zealand Universities in Year 12.

Objective:

This course will help prepare and assess students for the English literacy requirements for entry to New Zealand Universities, including the Academic English Language Requirement (AELR) for the University of Auckland.

NOTE: The course will run for 4 hours each week in the tutorial option so students will still do 5 other full course subjects.

Course Assessment - Standards assessed may include:

ENGLISH ACHIEVEMENT STANDARDS

Internal	Level 2 3 credits	AS 91102	Crafted and controlled oral text	
	Level 2 4 credits	AS 91106	Wide Reading	UE R
	Level 2 3 credits	AS 91107	Close Viewing	
External	Level 2 4 credits	AS 91098	Analyse Written Texts	UE Both

ENGLISH FOR ACADEMIC PURPOSES

Internal	Level 4 6 credits	US 22750	Write crafted text using researched material	UE W
	6 credits	US 22751	Read for academic purposes	UE R

Who to talk to: Mrs Loh

Literacy – 13LIT

Pre-requisite: Non-achievement of literacy credits at Level 2.

Course Information

This is an internally assessed course designed specifically to give students the opportunity to gain Level 2 literacy credits required for university entrance. Students may use 13LIT to complete their writing portfolio if they have not yet achieved the standard at Level 2. Students wishing to start the writing portfolio process are encouraged to enrol in Foundation English where they can do the Writing Portfolio at either Level 2 or 3. This class will occur during option X (twice a week).

Course Assessment - Standards assessed

Internal	Level 2 4 credits	AS 91106	Reading Logs	UE R
	Level 2 4 credits	AS 91105	Information Literacy	UE R
	Level 2 6 credits	AS 91101	Writing Portfolio	UE W

Total: Either 4 (R) credits, 6 (W) credits or 10 (R/W) credits

Future Areas of interest and study

Tertiary education in subjects other than English.

Who to talk to: Ms Krishnan or Mrs Reichenbach



Media Studies – 13MED- UE Approved subject

Pre-requisite: An interest in both film study and film production. Good results for Year 12 English and/or Media studies as there is a large essay writing component to this course.

Course Information

This course builds on the knowledge of film analysis and production gained from the Year 12 Media Studies course. While involvement in the Level 2 programme is not a pre-requisite, students who have not studied Level 2 will need to be prepared to put in additional effort to learn appropriate terminology at the start of the year. The course consists of a study of a variety of film genres and a close investigation of the television industry. Students will be required to research and investigate relevant issues for all topics and produce in depth written responses. Working in small groups, students will use digital technologies to produce a short documentary.

Course Assessment - Standards assessed

Internal	3 credits	AS 91491 Demonstrate understanding of the meaning of a media text through different readings.	
	4 credits	AS 91494 Produce a design for a media product that meets the requirement of the brief.	
	6 credits	AS 91495 Produce a media product that meets the requirement of a brief.	
	3 credits	AS 91496 Demonstrate understanding of a significant development in the media	
External	4 credits	AS 91490 Demonstrate understanding of an aspect of a media industry	UE Both
	4 credits	AS 91493 Demonstrate understanding of a relationship between a media genre and society	UE Both

Future Areas of interest and study

This course leads on to Media Studies courses offered at tertiary institutions, and future career options in the media.

Who to talk to: Miss S. Johnston or any Year 13 Media Studies student currently studying this course.



LANGUAGES LEARNING AREA

Knowing how to speak other languages helps you develop critical thinking and a resilient sense of self and culture. You are able to confidently contribute to local, national and global societies. You are able to sustain relationships with a variety of people through understanding and valuing difference.

In Year 13 you can continue with the languages you have already studied, namely, Chinese, French, Japanese, Latin, Spanish and Te Reo Maori. We also offer new start and continuing Classical Studies at this level and Chinese for those with prior first language experience.

When considering your career, you can match a language with many other subjects. With increasing globalisation, to be able to communicate in more than one language is a valuable asset, regardless of your career path. No matter which languages you choose to continue learning, doors will open for you.

The Overarching Theme in Year 11 international languages is **World Matters**.

All Year 12 and 13 language students have access to Language Perfect and Languages in Action but there is no charge.

Year 11: NCEA Level 1

Chinese Second Language

French

Japanese

Latin

Spanish

Te Reo Māori

Year 12: NCEA Level 2

Chinese Second Language

Chinese Heritage Language

Classical Studies

French

Japanese

Latin

Spanish

Te Reo Māori

Year 13: NCEA Level 3

Chinese Second Language

Chinese Heritage Language

Classical Studies

French

Japanese

Latin

Spanish

Te Reo Māori



Chinese as the Second Language – 13CHN

- UE Approved subject

Pre-requisite: Year 12 Chinese or equivalent.

Course Information

In Year 13 Chinese you learn more abstract and complex language with stronger cultural awareness in order to communicate ideas, justify your opinions and challenge different perspectives. You are going to read some creative writing and a variety of authentic materials and write expressively for a range of purposes.

Topics include:

- Cultural awareness & integration
- Environment & eco-tourism
- Modern technology & cyber world
- Simple literary works

We approach these topics through a blended text- and online-course and add to it Chinese history, myths, film, and other authentic resources. We continue to use computer programmes such as online interactive exercises and Language Perfect.

Course Assessment - Standards assessed

Internal	5 credits	AS 91537 Write a variety of text types
	6 credits	AS 91535 Interact using spoken Chinese
External	5 credits	AS 91533 Show understanding of spoken Chinese
	5 credits	AS 91536 Show understanding of written/visual Chinese

Future Areas of interest and study

University studies; exchange and scholarship opportunities; travel and tourism; and many career opportunities (China is our biggest trading partner, the first language of many in our community and many around the world. It is the most spoken language worldwide).

Who to talk to: Ms Lin

Chinese Heritage Language– 13CHS

- UE Approved subject

Pre-requisite: This course is for students with prior first language experience to consolidate their prior learning and further develop their mother tongue proficiency.

Course Information

In Year 13 Chinese Heritage Language, you consolidate your abilities using practical, transactional language to communicate information and ideas and further develop your skills using the more abstract language to express and justify your opinions and explore and challenge others' perspectives. The main idea at this level is World Matters.

Topics include:

- Cultural awareness & integration
- Environment & eco-tourism
- Modern technology & cyber world
- Chinese literature
- Chinese traditional beliefs & living philosophies



Course Assessment - Standards assessed:

Internal	3 credits	AS 91534 Give a spoken presentation	
	5 credits	AS 91537 Write a variety of text types	
	6 credits	AS 91535 Interact using spoken Chinese	
External	5 credits	AS 91533 Show understanding of spoken Chinese	
	5 credits	AS 91536 Show understanding of written/visual Chinese	

This course will be adapted according to student needs.

Future Areas of interest and study

Continued study at university; travel, tourism, education and many career opportunities. As the most spoken language world-wide, Chinese learning is gaining popularity in foreign countries. Chinese culture, traditions and living philosophies have won global acknowledgement and appreciation.

Who to talk to: Ms Lin

Classical Studies – 13CLS- UE Approved subject

Pre-requisite: None

Course Information

This course serves to extend students' knowledge of the classical world through the study of ancient Greek and Roman civilisation. Classical Studies encourages students to make links between past and present civilisations in order to better appreciate the influence of the Classical World on their own society. In 2019 the course will focus on three of the following topics:

- The rise of Augustus, the first emperor of Rome: his life, campaigns, reforms and policies
- An examination of public art and architecture of the Roman Empire from the time of Augustus to Constantine.
- A study of Virgil's *Aeneid*, an epic poem which traces the journey of the Trojan hero Aeneas, with particular reference to contemporary social values.

Course Assessment - Standards assessed (20 credits)

External	4 credits	AS 91394 Analyse ideas and values of the classical world	UE Both
	4 credits	AS 91395 Analyse the significance of features of works of art in the classical world	UE Both
Internal	6 credits	AS 91397 Demonstrate understanding of significant ideologies in the classical world	UE R
	6 credits	AS 91398 Demonstrate understanding of the relationship between aspects of the classical world and other cultures	UE R

Future Areas of interest and study

Classical Studies and Ancient History may be studied at University. Students may also like to learn the ancient languages - Greek and Latin. It leads on to a wide range of career paths which involve analytical thought, creative expression, research and communication skills. It is particularly helpful to students of Art History, English, History and Latin.

Who to talk to: Ms Wright or Mr Jackson



French – 13FRE- UE Approved subject

Pre-requisite: NCEA Level 2 French or similar

Course Costs: RENASH Booklet for NCEA \$18

Course Information

In Year 13, you learn how to justify your own opinions and ideas in French and challenge the ideas and opinions of others.

Our topics include: the environment, multicultural society, and contemporary social issues such as wealth and poverty, science and technology, war and peace.

We approach these topics through a blended text-and-online course and add to it French literature (Le Petit Prince and selected poetry), film, online current events, and other authentic resources. We continue to use computer programmes such as Kerboodle and Language Perfect.

Course Assessment - Standards assessed

Internal	5 credits	AS 91547 Write a variety of text types
	6 credits	AS 91545 Interact using spoken French
External	5 credits	AS 91543 Show understanding of spoken French
	5 credits	AS 91546 Show understanding of written/visual French

Future Areas of interest and study

Continued study at university; exchange and scholarship opportunities; travel and tourism, business, communication, and enhanced opportunities regardless of the career you choose. This is because French is spoken in more than fifty countries around the globe and on all five continents, and is one of the official languages of the United Nations.

Who to talk to: Dr Moir Scott, Ms Clarke, Mrs Walker

Japanese – 13JPN- UE Approved subject

Pre-requisite: Year 12 Japanese or equivalent

Course Information

Now that students can communicate ideas clearly in Japanese they turn to debating and discussing relevant issues to encourage deep thinking around "World Matters".

To support your learning, you have access to E-learn and 'Language Perfect'.

Course Assessment - Standards assessed

Internal	5 credits	AS 91557 Writing Portfolio
	6 credits	AS 91555 Interaction Portfolio (Optional)
External	5 credits	AS 91553 Show understanding of spoken Japanese
	5 credits	AS 91556 Show understanding of written/visual Japanese

Future Areas of interest and study

Japan is the 5th largest importer in the world and 8th in foreign investment. This, combined with the close ties between Japan and NZ, provides a variety of exchange, scholarship and career opportunities. Universities in Japan are becoming increasingly eager to accept foreign students on exchange.

Who to talk to: Ms J Murphy



Latin – 13LAT- UE Approved subject

Pre-requisite: Year 12 Latin, Year 11 Latin in consultation with Ms Wright

Course Information

This course serves to consolidate and extend knowledge of Latin. In particular, it aims to:

- Revise and extend knowledge and understanding of grammar and vocabulary.
- Improve skills in translation and comprehension.
- In 2019 this literature will focus firstly on the poetry of Catullus and his love affair with his mistress Lesbia. We will then study the magical episode from Book 6 of Virgil's *Aeneid* when Aeneas, the founder of the Roman people, travels to the Underworld.

Course Assessment - Standards assessed (21 credits)

Internal	6 credits	AS 91508 Latin literature (Virgil's <i>Aeneid</i>)	
	4 credits	AS 91509 Roman Viewpoint (Catullus)	UE Both
External	6 credits	AS 91506 Translation	
	5 credits	AS 91507 Comprehension of Latin Poetry	

Future Areas of interest and study

Latin can be studied for its own enjoyment and intellectual rigour. It carries on to university and complements the study of Classical Studies. Latin is also helpful for the study of English, History and foreign languages, as well as for any career which requires analytical and intellectual thinking such as law, journalism, public relations, advertising and marketing.

Who to talk to: Ms Wright

Spanish – 13SPA- UE Approved subject

Pre-requisite: NCEA Level 2 Spanish (or previous learning of Spanish. See Mrs Torrealba to discuss)

Course Information

By the end of Year 13 Spanish, students will have consolidated their learning from Year 12 and will be able to express their opinions on a number of issues e.g. global matters, current events, arts and culture in Spanish-speaking countries, history of Spain and Latin American countries. Students will be able to develop their reading, writing, listening and speaking skills as well as comparisons of topical issues in Hispanic countries with the rest of the world.

Course Assessment - Standards assessed

Internal	5 credits	AS 91572 Write a variety of text types	
	6 credits	AS 91570 Interact using spoken Spanish	
External	5 credits	AS 91568 Show understanding of spoken Spanish	
	5 credits	AS 91571 Show understanding of written/visual Spanish	

Future Areas of interest and study

Work opportunities worldwide are enhanced by knowledge of Spanish. It is the chosen second language of many people in the world and native speakers number well over 425 million in more than 23 countries. Spanish is spoken by a third of the world's population in all corners of the globe and is the chosen second language of many more. It is essential for travel, exchanges and work opportunities in Latin America, Spain and many parts of the United States. It is one of the official languages of the United Nations.



Future areas of use are vast:

University study, exchange and scholarship opportunities, post-graduate study at Hispanic universities, medical study in specialist areas, international law, foreign correspondent, publishing, export-import, diplomatic service, music and art, education, tourism and hospitality, volunteer programmes in Latin America and Africa.

Who to talk to: Mrs Torrealba

Te Reo Māori – 13MAO- UE Approved subject

All Te Reo Māori assessment standards are able to contribute towards NCEA literacy requirements.

Pre-requisite: NCEA Level 2 Te Reo Māori or a similar level of prior learning

Course Information

This course will further develop students' competence in;

- listening, speaking, reading and writing of Te Reo Māori
- understanding important and relevant issues in Aotearoa and abroad
- utilizing everyday phrases and idioms
- researching and presenting information gathered on Te Ao Māori
- expressing personal opinions and thoughts on a given topic

Content to study:

Mihi, Te Tiriti o Waitangi, Waiata Tawhito, Recreational activities of the Māori, Legends, Health, Traditional forms of oratory.

Course Assessment - Standards assessed

Internal	4 credits	AS 91650	Whakarongo i te reo o te ao whānui	
	6 credits	AS 91651	Kōrero i te reo o te ao whānui	
	6 credits	AS 91654	Hanga tuhinga auaha i te reo o te ao whānui	UE W
External	6 credits	AS 91652	Pānui kia whai māramatanga i te reo o te ao whānui	UE R

Future Areas of interest and study

University courses in Te Reo Māori at Stage One for personal interest as part of your degree or for your major. Tertiary study of Te Reo Māori will lead you into many career options, for example; Teaching, the Arts, Marketing, Advertising, Tourism, Medicine, Law, Technology, Performing Arts, Journalism and Media Studies.

Who to talk to: Whaea Cydel Peters



MATHEMATICS LEARNING AREA

Studying mathematics at school helps you understand society and play a responsible part in it. You will learn to interpret data, communicate clearly, think logically, look for relationships and patterns and solve problems. It will provide a foundation for further study in a range of learning areas.

The social sciences, the physical and biological sciences, medicine, marketing, business studies and engineering all require a fundamental understanding of mathematical thinking. Mathematics forms the basis of technology and information science.

There may be variations to the assessment programme stated for each course to meet the individual needs of students. A range of classes working at different speeds and depth is offered at each level.

Your mathematics teacher will discuss with you the course most suited to your needs.

Year 11: NCEA Level 1

Mathematics

Core Mathematics
(Internally assessed)

Foundation Mathematics
(Numeracy standards)

Year 12: NCEA Level 2

Mathematics Calculus

Mathematics Combined

Mathematics Statistics

Year 13: NCEA Level 3

Calculus

Mathematics

Statistics A

Statistics B

Calculus – 13CAL- UE Approved subject

Pre-requisite: Sound achievement in Level 2 Mathematics. Merit in Algebra and Calculus is recommended.

Course Information

The study of calculus helps the development of analytical and problem solving skills and provides an enjoyable, intellectual challenge. In this course Differentiation and Integration started in Year 12 are further extended to solve real life problems and simulated situations. The algebra of irrational numbers, complex numbers and trigonometry is also studied.

Course Cost: Graphics calculator \$120

Course Assessment - Standards assessed

Internal	4 credits	AS 91575 Apply trigonometric methods in solving problems
External	6 credits	AS 91578 Differentiation
	6 credits	AS 91579 Integration
	5 credits	AS 91577 Complex Numbers

This assessment programme may be amended in 2019 to meet student needs.

Future Areas of interest and study

Calculus provides us with powerful theoretical techniques to advance our understanding of the modern world and solve problems in society and industry. In particular, the growing field of computer animation requires advanced calculus, algebra and geometry. Students with strong analytical and reasoning skills are widely sought in all areas of employment.

Who to talk to: Dr Spencer

Mathematics – 13MTH- UE Approved subject

Pre-requisite: At least 12 credits in level 2 Mathematics Combined or L2 Mathematics Calculus.

Course Information

This course is a combination of Level 3 Calculus and Statistics. It cannot be taken in conjunction with any other Level 3 Mathematics course. The course is for people who require a background in both Calculus and Statistics, but who wish to take only one Mathematics subject.

Course Cost: Graphics Calculator about \$120

Course Assessment - Standards assessed

The course will offer about 20 credits

Internal	4 credits	AS 91580 Time series
	3 credits	AS 91574 Linear programming
	3 credits	AS 91587 Systems of Equations

External	6 credits	AS 91578 Differentiation
	4 credits	AS 91584 Statistical reports (4 credits)

UE W

This assessment programme may be amended in 2019 to meet student needs.

Future Areas of interest and study

This course provides a good foundation for study in non-mathematical fields such as science, business and health science. It is an approved course for UE.

Who to talk to: Dr Steel



Statistics A – 13STA- UE Approved subject

Pre-requisite: Achievement or better in AS91267 (Probability) and at least 12 credits in level 2 Mathematics Combined or level 2 Statistics.

Course Information

Probability and statistics are used to solve problems, model situations, make predictions and analyse data. There is the opportunity to develop critical thinking skills in analysing and interpreting information and communicating the findings. There is a strong emphasis on the use of technology. A parallel course which is primarily internally assessed is also available.

Course Cost: Graphics Calculator about \$120

Course Assessment - Standards assessed

The course will offer 20 credits, including internal and external standards selected from:

Internal	4 credits	AS 91580 Time series
	4 credits	AS 91581 Bivariate data
	4 credits	AS 91582 Statistical inference
	4 credits	AS 91583 Experimental design
External	4 credits	AS 91584 Statistical reports (4 credits)
	4 credits	AS 91585 Apply probability concepts
	4 credits	AS 91586 Probability distributions

This assessment programme may be amended in 2019 to meet student needs.

Future Areas of interest and study

A knowledge of statistics and the ability to organise and process information is an advantage in many walks of life. The study of statistics is a foundation for further study in a wide range of learning areas including commerce, science, medicine, operations research and information management. This is reflected in enrolments at the University of Auckland where Statistics is the most popular Stage 1 course.

Who to talk to: Dr Steel



Statistics B – 13STB- UE Approved subject

Pre-requisite: Level 2 Mathematics or Statistics.

Course Information

This course is recommended for students who wish to continue with mathematics at Level 3 and whose achievement at Level 2 suggests that they would be more successful in a course which is predominantly internally assessed and has selected content. The principles of organising, processing and analysing data are extended to include making predictions, interpreting results and evaluating the process. There is a strong computer technology component.

Course Cost: Graphics calculator about \$120

Course Assessment - Standards assessed

The course will offer about 19 credits, including internal and external standards:

Internal	4 credits	AS 91580	Time series	
	4 credits	AS 91581	Bivariate data,	
	4 credits	AS 91583	Experimental design	
	3 credits	AS 91574	Linear programming	
External	4 credits	AS 91584	Statistical Reports (4 credits)	UE W

This assessment programme may be amended in 2019 to meet student needs.

Future Areas of interest and study

This is an approved course for UE. Students are advised to check the pre-requisites of any tertiary course they are considering before undertaking this course.

Who to talk to: Dr Steel



PHYSICAL EDUCATION AND HEALTH

A variety of courses in this learning area provide students with the opportunity to develop a broader understanding of the body in relation to physical activity, develop physical skills through practical participation, promote physical activity, and equip students with the necessary life skills for the future. The courses will also encourage students to look critically at dilemmas and ethical issues that operate in our society.

Health and Physical Education share a combined curriculum which addresses the critical health and physical education issues facing our young people.

- Through learning in this curriculum, students will gain the knowledge, skills, attitudes and values to enjoy a healthy lifestyle. They will develop motivation to make informed decisions and to act in ways that contribute to the well being of themselves, others and society.
- Students will take increasing responsibility for their own health and will learn movement skills in a wide range of contexts.
- Health and PE is a compulsory subject for all students from Year 9 - Year 12. Additionally it can be taken as an option in Years 11, 12 and 13.

Year 11: NCEA Level 1

Health Sociology & Investigations

Sports Science

Physical Education and Health Programme

Year 12: NCEA Level 2

Child Development

Health Sociology & Investigations

Sports Science

Physical Health Programme

Year 13: NCEA Level 3

Early Childhood Education

Health Sociology & Investigations

Sports Science



Early Childhood Education – 13ECE

Pre-requisite: None

Course Information

This course continues from studies at Year 12. It is a self-paced course using Porse Education and Training Ltd unit standard tasks. It aims at giving students the basic skills and knowledge required for parenting plus provision of Early Childhood Education in care settings.

Course Assessment - Standards assessed

Internal	2 credits	US 10013 Purpose, philosophy and structure of Te Whaariki
	5 credits	US 10026 Demonstrate Knowledge of Child Development and learning and its relevance to ECE services
	3 credits	US 10019 Describe and contribute safe practices and a safe environment for children in an ECE service.
	4 credits	US 20407 Demonstrate knowledge of cultural diversity in ECE services
	6 credits	US 26707 Describe the value of play and create resources for children's development

Future Areas of interest and study

Early Childhood Teaching, Nanny Courses

Who to talk to: Mrs O'Loughlin

Health Sociology & Investigations – 13HEA

- UE Approved subject

Pre-requisite: Year 12 Health Sociology & Investigations or HOD approval

Course Information

In this course you will experience and critically investigate the following aspects of Health:

- Investigate a contemporary dilemma or ethical issue
- Look at health practices currently used in NZ to treat a particular health condition
- Analysing an international issue
- Analysing methamphetamine use by 15-24 years olds in NZ

Course Cost: \$25 (Outside speakers)

Course Assessment - Standards assessed

External	5 credits	AS 91462 Analyse an International Health Issue	UE Both
Internal	5 credits	AS 91461 NZ Health Issue	UE R
	5 credits	AS 91463 Health Practices	UE R
	4 credits	AS 91464 Ethical Issues	UE R

Future Areas of interest and study

NCEA Level 3 Health is an approved subject for University Entrance. It will lead into many different careers; doctor, health science, social worker, midwifery, counselling, psychology, police, occupational therapist, nursing, teacher, dietician, health professional.

Who to talk to: Ms McCool, Ms McConachie & Mrs Quedley



Sports Science – 13PSS- UE Approved subject

Pre-requisite: Year 12 Sports Science or HOD approval

Course Information

In this course you will:

- Appraise and analyse performance in swimming, including biomechanical knowledge
- Apply knowledge of anatomy, physiology, exercise psychology and motor learning to implement a training programme to improve own skill level in swimming
- Perform activity in relation to national standards, in swimming, or another approved activity
- Comprehensively plan and take part in an overnight outdoor education experience
- Investigate a current physical activity event, trend, or issue and its impact on New Zealand society

Course Cost: \$200 (Camp, Swimming coach & outside speakers.)

Course Assessment - Standards assessed

Internal	3 credits	AS 91499 Improving Swimming	
	4 credits	AS 91500 Evaluation of PIP	
	4 credits	AS 91501 Practical Performance	
	3 credits	AS 91504 The Journey over the Destination	
	4 credits	AS 91502 Issues in Sport /Physical Activity	UE R

Future Areas of interest and study

Tertiary education in: physical education, physiotherapy, medicine, occupational therapy, sports science, nutrition, recreation and leisure. Careers in: health and fitness centres, recreation centres, regional sports trusts, coaching and sports management, sports psychology, national sport foundations, public health.

Who to talk to: Miss McCool



SCIENCES LEARNING AREA

We use the products of the many branches of Science every day. Science and the skills developed in Science subjects are essential if we are to gain an understanding of the way the world works. It helps people develop the skills needed to think critically, ask questions, make evidence based explanations, work together and also work independently.

The courses offered within the Sciences Learning area provide a great variety in the choice of subjects offered and a wide range of opportunities for further study.

Science allows the harnessing of creative talents and personal intelligences to create new knowledge to improve society. Scientists get to create, develop and contribute new ideas and products. 'Canvas' (NZ` Herald) listed 'Scientist' as the dream job for 'twenty-some things'. As a scientist, you really can 'make a difference'.

Year 11: NCEA Level 1

In year 11 students choose either 2 or 4 of the following half year courses:

Biology (half year)

Chemistry (half year)

Earth & Space Science
(half year)

Physics (half year)

Year 12: NCEA Level 2

All full year courses

Biology

Chemistry

Physics

Year 13: NCEA Level 3

All full year courses

Biology

Chemistry

Physics

OR

Human Biology
(full year course) at teacher discretion

AND/OR

Environmental Science
(full year course)
(Involves Science and Social Science)

Environmental Science
(Involves Science and Social Science)

Environmental Science
(Involves Science and Social Science)



Biology - 13BIO- UE Approved subject

Pre-requisite: Level 2 Biology and at least 3 credits external or apply to Head of Biology.

Course Information

Year 13 brings you a wealth of information on Animal behaviour, plant responses, knowledge about new ways we can manipulate genomes such as the use of transgenesis and selective breeding including the use of preimplantation genetic diagnosis, diabetes as a malfunction of homeostasis of blood glucose levels. Evolution of NZ flora and fauna is also studied along with human evolution over the past 5 million years.

Students are also prepared for scholarship Biology should they wish to enter this exam.

Course Cost: Field trips of up to \$25 and a manual of \$40

Course Assessment - Standards assessed

External	5 credits	AS 91603 Demonstrate understanding of the responses of plants and animals to their external environment	UE Both
	4 credits	AS 91605 Demonstrate understanding of evolutionary processes leading to speciation	UE Both
	4 credits	AS 91606 Demonstrate understanding of trends in human evolution	UE Both
Internal	3 credits	AS 91604 Demonstrate understanding of how an animal maintains a stable internal environment	UE R
	3 credits	AS 91607 Demonstrate understanding of human manipulations of genetic transfer and its biological implications	UE R

Future Areas of interest and study

Biology knowledge is rapidly expanding and is valuable to a wide array of occupations. We hope the students will take the experiences, knowledge and enthusiasm gained with them to any chosen career whether it be in biology or elsewhere. NZ is currently in need of biologists and there will always be demand for those with a science background.

Who to talk to: Ms Heeney (HOD Biology) or any other Biology teacher

Chemistry – 13CHE- UE Approved subject

Pre-requisite: Achievement in three Level 2 chemistry standards, two of which must be external standards, a Year 12 Mathematics course.

Course Information

This course builds on the content of the Level 2 chemistry course and includes all the chemistry concepts required for tertiary study.

Objectives:

- To investigate and consider chemical and physical properties of groups of substances.
- To relate properties of matter to structure and bonding.
- To understand and use fundamental concepts in chemistry.
- Apply knowledge of chemistry to explain aspects of the natural world and how chemistry is used in society
- To gain practical skills in handling substances and manipulating equipment safely.



Course cost: \$20 for education perfect (optional), this subscription will allow access to all Sciences on education perfect.

Content:

Oxidation and Reduction Reactions, Organic Chemistry, Atomic structure, Bonding and, Thermochemical Principles, Equilibrium in Aqueous Solutions.

Course Assessment - Standards assessed

Internal	4 credits	US 6345	Analyse oxidation - reduction reactions
	3 credits	AS 91393	Demonstrate understanding of oxidation–reduction process
	3 credits	AS 91388	Demonstrate understanding of spectroscopic data in chemistry
External	5 credits	AS 91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances
	5 credits	AS 91391	Demonstrate understanding of the properties of organic compounds
	5 credits	AS 91392	Demonstrate understanding of equilibrium principles in aqueous systems

Future Areas of interest and study

Tertiary courses with study leading to a scientifically related field such as medical or health sciences, pharmacy, veterinary science, physiotherapy, food technology, etc.

Who to talk to: Mrs Rainey

Environmental Science – 13EVS- a mix of standards Education for Sustainability (EfS), Biology and Science - All UE Approved subjects

Pre-requisite: Some Year 12 Science (11EVS and 12 EVS desirable)

Course Information

This course is a development for those who completed the 11EVS and 12EVS Courses, though all students should consider participating in this course to develop their environmental awareness and skills for participation in the care of our planet. The teaching is shared; 2 periods per week with a science specialist and 2 periods with a social science specialist. The students will have the opportunity to carry out advanced independent inquiry, investigation and research related to environmental issues with a focus on terrestrial ecosystems in 2019.

Course Cost: \$150 for camp on Motuihe Island

Course Assessment - Standards assessed

With science specialist:

Internal	4 credits	AS 91735	EfS Evaluate measures to improve a biophysical environment.	UE R
	3 credits	AS 91602	Bio Informed response to a socio-scientific issue.	UE Both
External	4 credits	AS 91413	Sci Understanding processes in ocean systems.	

With social science specialist:

Internal	6 credits	AS 90828	EfS Evaluate personal action for a sustainable future.	
	5 credits	AS 90832	EfS Develop a sustainability strategy for an organisation.	UE R
External	4 credits	AS 91736	EfS Analyse how different world views and the values and practices associated with them impact on sustainability.	



Future Areas of interest and study

Future areas of interest may be in environmental science courses or papers at university.
Careers – an expanding range: resource planners in local and regional government, research scientists (NIWA, ESR, Landcare), zoo-keeping, scientific officers (for WWF-NZ, UNESCO), wildlife manager, DOC, pest manager, environmental engineer or lawyer.

Who to talk to: Ms Farra or Miss Burtenshaw

Physics – 13PHY- UE Approved subject

Pre-requisite: Year 12 Physics. Year 12 Mathematics (Y12 Maths Combined is desirable)

This course builds on the knowledge and concepts learnt in year 12 Physics.

Objectives:

- To develop an understanding of concepts, principles and models in Physics.
- To develop an ability to use concepts, principles and models to explain physical phenomena
- To develop practical and investigative skills and attitudes to determine relationships, patterns and trends.

Content:

Practical Physics – Investigation leading to a non-linear mathematical relationship that includes consideration of uncertainties.

Modern Physics – Atomic and Nuclear Physics

Waves – Interference, Standing Waves and Doppler Effect.

Mechanics – Linear Motion, Rotational Motion and Simple Harmonic Motion.

Electricity – Capacitors and DC Electricity, Electromagnetism, AC.

Course Costs: Trip to Rainbows End - \$ 40, Graphics Calculator - \$120,

Education Perfect (optional) - \$20 (covers all the Sciences)

Course Assessment - Standards assessed

Internal	4 credits	AS 91521 Practical Physics
	3 credits	AS 91525 Modern Physics
External	4 credits	AS 91523 Waves
	6 credits	AS 91524 Mechanics
	6 credits	AS 91526 Electricity

Future Areas of interest and study

Tertiary study in physics, medicine, radiography, veterinary science, sports science, engineering, architecture, electronics and other technological subjects.

Who to talk to: Mrs John



SOCIAL SCIENCES LEARNING AREA

The Social Sciences foster an understanding of the world, the activities of people and their interaction.

- You will be challenged to think critically about how society operates and how people's involvement in it is influenced by their past, their place and their resources.
- You will develop skills that will enable you to take your place in society as confident, informed and active participants.

Year 11: NCEA Level 1

Accounting

Economics

Geography

History

Year 12 : NCEA Level 2

Accounting

Business Studies

Economics

Geography

History

Legal Studies

Travel & Tourism

Year 13: NCEA Level 3

Accounting

Business Studies

Business Enterprise & Legal Studies

Economics

Geography

History

Travel & Tourism



Accounting – 13ACC- UE Approved subject

Pre-requisite: Level 2 Accounting

Course Information

Objectives: To promote knowledge and understanding of accounting as a financial language for partnerships and companies that may be service, trading or manufacturing businesses.

Course Content:

- Describe and apply the conceptual basis of accounting in context
- Process financial information for partnerships and/or companies
- Process financial information for a manufacturing job-cost subsystem
- Report financial information for partnerships and/or companies
- Prepare a report which analyses and interprets a company's financial report for external users
- Explain and prepare information for management decision making.

Course Assessment - Standards assessed (subject to change)

Internal	4 credits	AS 91405 Accounting for Partnerships	
	5 credits	AS 91407 Prepare a report for an external user	UE Both
	4 credits	AS 91409 Job Cost Subsystem	
External	4 credits	AS 91408 Management Accounting	
	5 credits	AS 91406 Company Financial Statements	

Future Areas of interest and study

Commerce and Business degrees at Universities and Polytechnics, chartered accountants, auditing, data processing services, taxation services, management, general business/administration work, teaching, marketing, banking.

Who to talk to: Mr Shankar, Mr Tasneem

Business Enterprise & Legal Studies – 13BLS

Pre-requisite: None

Course Information

This course has a business focus and involves the commitment of being part of a Young Enterprise team to set up and run a real business within the school environment. It covers the key requirements of running a business and students will take directorship of a company with an aim of developing an innovative and sustainable business activity. Students will develop their understanding of business theory and will apply that theory through participating in a practical business activity. The Legal Studies component will cover Concepts of Law and Concepts of Justice within the New Zealand Legal System.

Other topics include:

- Effective management roles
- Managerial skills including leading, planning, organising and controlling
- Components of good management practice including business ethics and sustainability.
- Concepts of law, including case studies on Human Rights Act, Crimes Act and Law of Contracts.
- Concepts of justice applied to specific situation, including specific New Zealand case studies
- Evaluating the principles of Restorative and Retributive justice, including New Zealand case studies.



Course Cost: Young Enterprise registration fee \$35

Course Assessment - Standards assessed

Internal	9 credits	AS 91384 Development of an innovative and sustainable business activity	UE R
	4 credits	US 27843 Evaluate a concept of law in relation to a specific situation	
	4 credits	US 27840 Evaluate a concept of justice in relation to a specific situation	

Future Areas of interest and study

This course provides a broad introduction to some of the necessary business skills and information on the New Zealand legal system applicable to all careers and tertiary study.

Who to talk to: Mrs Martin, Mrs Macdonald

Business Studies – 13BUS - UE Approved subject

Pre-requisite: None

Course Information

This course is designed to consider how businesses operate in a global environment. Students will develop their understanding of business theory and will apply that theory through investigations into human resource and marketing issues. Issues of sustainability, enterprise and globalisation are important to businesses and are examined as part of the course along with a number of other internal and external factors relevant to businesses. This course relates business theory to real world examples which show how dynamic the world of business and commerce is and how successful many New Zealand businesses are in the global marketplace.

Content involves:

- Investigating Human Resource issues and their impact on New Zealand businesses.
- Developing a marketing plan involving SMART goals, SWOT analysis and contingency plans
- Exploring the role of management and employees in businesses that operate in a global context
- Exploring how businesses respond to internal factors and factors outside of their control
- A look at the real business world through NZ business case studies

Course assessment

Internal	6 credits	AS 91382 Development a marketing plan for a new or existing product	UE R
	4 credits	AS 91871 Analyse how a product meets market needs through innovation in the value chain.	
	4 credits	AS 91869 Analyse future proofing strategies to ensure long term viability of a business	
<i>Optional internal</i>	3 credits	AS 91383 Analyse a human resource issue affecting businesses	R
External	4 credits	AS 91379 How internal factors interact within a business that operates in a global context	UE Both

Future areas of interest and study

Business, marketing and commerce degrees, careers in business, marketing and human relations.

Who to talk to: Miss Smith, Miss Cogger-Orr, Mrs Rusden



Economics – 13ECO- UE Approved subject

Pre-requisite: None

Course Information

This course is to enable students to gain a level of economic literacy which will enable them to develop a continuing interest in current economic issues in New Zealand and the world. The many and varied influences on the New Zealand economy, their outcomes and successes are discussed as New Zealand competes to establish its place in the global economy.

Content involves:

- The allocation of resources within the market system through pricing and profit strategies that firms use, how supply and demand curves are derived, elasticities derived from supply and demand schedules
- How markets in New Zealand respond to change. The effects of the government on markets and how they try to achieve economic efficiency
- How markets fail: strategies that the government puts into place to compensate for market failure, subsidies, taxes, public goods, inequity of income distribution
- Aggregate economic activity and policy: how the economy works as a whole and what the major influences on it are, the effects of government policies on issues like unemployment, inflation and trade. Concepts covered include: monetary and fiscal policies, balance of payments, business cycle
- Discussion on a wide range of issues that are affecting the New Zealand economy at present, the effects on society, how society deals with the issues and the major influences of government on the economy

Course Assessment - Standards assessed

Internal	5 credits	AS 91401 Micro-economic concepts	UE R
	5 credits	AS 91402 Government interventions to correct market failure	UE R
External	4 credits	AS 91399 The efficiency of market equilibrium	UE Both
	6 credits	AS 91403 Macro-economic influences on the NZ economy	UE Both

Future Areas of interest and study

BCom, BA University degrees. Careers in commerce, marketing, business administration, banking, research, town planning, policy making, teaching, financial services.

Who to talk to: Mr Tasneem, Mrs Macdonald, Mrs Osborn, Miss Cogger-Orr, Ms Bunting

Geography – 13GEO- UE Approved subject

Pre-requisite: None, but Level 1 and/or 2 Geography would be an advantage. Sound Literacy skills is a requirement.

Course Information

Geography is about people and their environment. This course aims to:

- Develop a knowledge and understanding of geographic environments. Enable students to analyse what happens in both natural and cultural environments.
- Allow students to develop their geographical skills, to carry out research and to analyse contemporary geographic issues facing us globally and within New Zealand.



This course will cover:

- Coastal processes at Muriwai, tourism development in Hawaii as well as developing skills such as topographic mapping, statistical techniques, graphing and resource interpretation.
- Current Geographic Issues such as HIV Aids pandemic
- The planning process and impacts of a significant current event such as Polyfest or Rhythm and Vines
- **Course Cost:** Field trips to Muriwai to complete research approx. \$30

Course Assessment - Standards assessed

Internal	3 credits	AS 91429 Analyse a significant contemporary event	UE R
	5 credits	AS 91430 Conduct geographic research with consultation	
	3 credits	AS 91432 Analyse aspects of a geographic topic at a global scale	
External	4 credits	AS 91426 Demonstrate understanding of how natural processes shape a NZ geographic environment.	UE Both
	4 credits	AS91427 Demonstrate understanding of how a cultural process shapes geographic environments	UE Both

Future Areas of interest and study

Geography can be studied at university level as part of a science or arts degree and as a first year subject for law. It is considered a language rich subject for The University of Auckland, and is a popular choice of 'arts' subjects for gaining access to the Bachelor of Health Sciences pathway to medicine. Other career opportunities include geographic information systems, environmental consultancy, teaching, environmental law and meteorology.

Who to talk to: Ms Robinson, Mrs Quinn, Mrs Childs

History – 13HIS- UE Approved subject

Pre-requisite: None but NCEA History levels 1 and/or 2 would be an advantage

Course Information

This course offers students an opportunity to study the changing roles and rights of women in different times and places in History. This will include focuses on the Tudor/Stuart period, witchcraft, NZ colonial women, Women's suffrage in NZ and Britain, Twentieth century changes in the USA. This final year of History is a chance to hone vital skills in preparation for further study at tertiary level, including:

- an emphasis on developing clear, logical and structured essay writing
- the interpretation and critical analysis of a wide range of historical sources
- the appreciation of differing historical perspectives and the contestability of history
- the ability to present a substantiated argument
- the skills of historical research – asking perceptive questions, planning, selecting and evaluating the quality of evidence and the inquiry process as a whole.

Course Assessment - Standards assessed

Internal	5 credits	AS 91434 Historical Research	UE R
	5 credits	AS 91437 Analyse perspectives of a contested event	UE R
External	4 credits	AS 91436 Analyse historical evidence	UE Both
	6 credits	AS 91439 Analyse an historical trend	UE Both

Future Areas of interest and study

Law, journalism, business, media or any other job requiring skills such as critical thinking, problem solving, communication and effective presentation.

Who to talk to: Mrs Welsh, Ms Mackay, Ms Dwan, Ms Farra



Travel and Tourism – 13TRT

Pre-requisite: None

Course Information

Tourism is a booming industry in New Zealand and, consequently, it plays an important role in the economy.

Students will gain an insight into this industry both in New Zealand and around the world. The 13 Travel and Tourism course is for students with an interest in world travel or are considering working in the tourist industry sometime in the future. The course provides up to 25 unit standard credits for NCEA.

This 13TRT course is open to all students but 13TRT students must be willing and able to work independently.

In addition, as part of the 2019 course, it is planned to have a field trip around key travel and tourist destinations around Auckland.

Course Assessment - Standards assessed

Internal	4 credits	US 2433	Promotion of a New Zealand tourist destination
	5 credits	US 18211	Australia as a tourist destination
	5 credits	US 3727	Pacific Island countries as a tourist destination
	3 credits	24725	The economic significance of tourism (optional)
	3 credits	US 1307	Speak to a specified audience in a predictable situation (optional)

Total Credits: 17 credits compulsory and optional 3 credit assessment.

Future Areas of interest and study

National Certificate in Tourism Levels 3 and 4, courses at University and Polytechnic, careers in tourism, travel and business.

Who to talk to: Ms Robinson, Miss Nelson, Mr Jost



TECHNOLOGY LEARNING AREA

Technology is the creative and purposeful use of human knowledge, skills and physical resources to solve practical problems. Technology education aims to develop students who can participate in, and adapt to, a technological society.

During Technology courses students will:

- Develop an understanding and appreciation of the evolution of technology
- Develop the knowledge and skills needed to properly use the resources, processes and systems of technology
- Employ the technological processes of problem solving, creating and designing
- Develop an understanding of the impact of technology on society and on the environment
- Discover and develop personal interests and abilities related to a wide variety of technology oriented careers.

Year 11: NCEA Level 1	Year 12: NCEA Level 2	Year 13: NCEA Level 3
Design Technology	Design Technology	Design Technology
Digital Technologies	Digital Technologies	Digital Technologies
Food Technology	Food Technology	Food Technology
	Hospitality	Hospitality
Graphics	Graphics	Graphics
Textiles and Design	Textiles and Design	Textiles and Design



Design Technology – 13DET- UE Approved subject

Pre-requisite: None

Course Information

Design Technology gives students the opportunity to learn how to design, make and test their own creations, acquiring skills and knowledge which are applicable to areas such as product design, furniture design, spatial design and the building and construction industry.

Material and Construction Skills: Students will learn a range of construction techniques using the workshop equipment to make both three dimensional models for testing and fully realised products.

Design: Students will learn how to apply creative and critical thinking to develop purposeful products for others.

Know How Can Do: Students will learn how to use a range of woodworking tools and machinery in the workshop to implement complex skills and techniques to construct a given product.

Back to Nature: Students will engage with a stakeholder of their choice to develop a product that allows the stakeholder to grow plants in small spaces. Students will learn how to design their product ready for manufacture as well as taking into consideration a product's life cycle and the human factors that can be incorporated into the design of a product.

Course Cost: \$80 course fee plus **possibility of** additional material costs.

Course Assessment - Standards assessed

Internal	6 credits	AS 91620 Implement complex procedures to integrate parts using resistant materials to make a specified product
	6 credits	AS 91610 Develop a conceptual design considering fitness for purpose in the broadest sense.
	6 credits	AS91611 Develop a prototype considering fitness for purpose in the broadest sense.

Future Areas of interest and study

Design Technology is a useful subject for students wishing to pursue a career in product design, spatial design, furniture design and the building/construction industries.

Who to talk to: Ms Bidwell, Ms Dunsmore, Ms Rennie



Digital Technologies – 13DIT- UE Approved subject

Pre-requisite: Year 12 Digital Technology with a minimum 10 credits, and NCEA Level 2 Literacy

Course Information

Year 13 Digital Technologies is primarily an academic subject that is focused on the development of a solution for a client and the development of a fully functional outcome that may or may not be installed in situ. NOTE: students may choose the standards they wish to develop. It is a flexible course and depends entirely on student strengths and interest.

Course Content:

1. Software Engineering - visit from a software engineer, learn about processes and write a report. This information will be used to further develop the rest of the year
2. Project Management - choosing between Agile or Waterfall processes to manage their year project
3. Prototyping - design and develop a fully functional prototype of the students solution
4. Development of skills to create the outcome
5. Network Protocols - learn about the internet and the protocols that bind networks so they work together and correctly. A report will be generated, and together with the Software Engineering report will be submitted for external exams.

Course Assessment - Standards assessed

Internal	4 credits	AS 91609 Undertake Project Management for developing an outcome
	6 credits	AS 91611 Develop a prototype considering fitness for purpose in its broadest sense
Either	6 credits	AS 91633 Implement complex procedures to develop a relational database embedded in a specified digital outcome
or	4 credits	AS 91635 Implement complex procedures to produce a specified digital media outcome
or	6 credits	AS 91637 Develop a complex computer program for a specified task
External	4 credits	AS 91636 Demonstrate understanding of areas of computer science

Total Credits: 18 or 20 depending on selection of standards

A large capacity usb drive or portable hard drive is recommended.

Future Areas of interest and study

Bachelor of Computer Science, Engineering, Systems Analysis, Software & Web Development, Information System Management. Computing Architecture, Network specialists, Computer Technicians, Programmers, Database Administrators, Digital Media specialists

Who to talk to: Ms Anderson

Food Technology - 13FTE - UE Approved subject

Pre-requisite: Completion of a Food technology or Hospitality course at Year 11 or 12 or by pre-approval from the HOD.

Course Information

Year 13 Food Technology is a course combining the creative aspects of Food Technology with advanced practical techniques and skills. The course offers 20 credits in a university entrance approved subject (Technology)



Course cost: Consumable costs of \$80.00 plus provision of some items.

Course Assessment- Standards assessed

Internal	4 credits	AS 91608 Undertake brief development to address an issue within a determined context	
	6 credits	AS 91610 Develop a conceptual design considering fitness for purpose in the broadest sense (context: menu planning for a pop up restaurant)	
	6 credits	AS 91643 Implement complex procedures to process a specified product (student choice within given context)	UE W
	4 credits	AS 91612 Demonstrate understanding of how technological modelling supports technological development and implementation.	

These standards may change based on the needs of the students or the course development.

Future Areas of interest and study

Food Technology, Food Science, Consumer and applied Sciences, Hospitality industry

Who to talk to: Ms Riley, Ms Brooks

Hospitality- 13HOS

Pre-requisite: Completion of a hospitality course at Year 11 or 12 or by pre-approval from the HOD. Unit Standard 167 Practise Food Safety Methods in a food business.

Course Information

Year 13 Hospitality is a course focussing on techniques and skills of food preparation, cooking and presentation within a commercial context. The course offers 26 credits. Year 12 Hospitality students will have already completed US 167 and can complete US 168 instead. Hospitality is not a University approved subject.

Course cost: Consumable costs of \$80.00 plus provision of some items.

Course Assessment- Standards assessed

Unit Standards	4 credits	US 167 or 168 Food Safety	
	2 credits	US 13282 Prepare, assemble and present complex sandwiches in a commercial kitchen	
	4 credits	US 13331 Prepare and cook pickles, chutneys, and preserves in a commercial setting	
	8 credits	US 18497 Demonstrate knowledge of culinary products and terms	
	3 credits	US 17284 Demonstrate knowledge of coffee origin and production	
	5 credits	US 17288 Prepare and present espresso beverages for service	

These standards may change based on the needs of the students or the course development.

Future Areas of interest and study

Hospitality industry

Who to talk to: Ms Riley, Miss Brooks



Graphics – 13GRA - UE Approved subject

Pre-requisite: Students need to have completed the 12GRA or 11GRA course.

Course Information

Graphics helps students to acquire the visual and design thinking skills used in fields of design such as Architecture, Engineering, Industrial Design and Spatial Design. Students will complete design projects that require them to develop high quality solutions to real problems. Work from the projects completed during the year can be used in portfolios that are needed for entrance to tertiary courses such as Architecture and Design degrees.

Course content: Students will complete 3 projects during the year including:

- **Product Design:** Students will use inspiration from nature or a designer to explore and develop a lighting product.
- **Architecture:** Students will develop a design for an innovative tree house that provides boutique accommodation for tourists in the Cascades Kauri Park.
- **Exhibition:** Students may prepare and exhibit one of their solutions from the two design projects.

Course Assessment - Standards assessed

Internal	6 credits	AS 91629	Resolve a Spatial Design
	6 credits	AS 91630	Resolve a Product Design
	6 credits	AS 91628	Plan and carry out an exhibition
External	4 credits	AS 91627	Initiate design ideas through exploration

Future Areas of interest and study

Future careers: Graphics is a useful subject for students wishing to gain tertiary qualifications or pursue a career in Architecture, Landscape Architecture, Engineering, Product design, Interior design, Spatial design and Graphic design.

Who to talk to: Ms Dunsmore, Ms Receveur, Ms Rennie



Textiles and Design – 13TEX- UE Approved subject

Pre-requisite: Completion of Year 12 Textiles and Design

Course Information

Year 13 Textiles and design is a practical and creative course relating to many aspects of the fashion industry. Students will develop advanced pattern making and construction skills through design and garment production. We aim to develop students' creative and critical thinking skills through innovative design.

Course costs: Provision of own fabric and pattern

Course Assessment - Standards assessed

Internal	6 credits	AS 91626 Draft a pattern to interpret a design for a garment
	6 credits	AS 91621 Implement complex procedures using textile materials to make a specified product
	4 credits	AS 91623 Implement complex procedures to create an applied design for a specified product

Future Areas of interest and study

Tertiary courses at AUT, Whitecliffe, NZ Fashion Tech, Massey University, Otago University. The Fashion and Garment Industry.

Who to talk to: Ms Huitema



LEARNING CENTRE

Learning Skills Programme– 13LSP

Pre-requisite: No pre-requisites. Students may be invited to join this course.

Course Information

This course is designed to support students to develop the skills and personality traits needed to reach success - both in school and beyond. Course work will focus around the school's core values – Compassion, Courage, Curiosity and Community.

Every term students will work in a team to plan, organise and host events. Students will receive a testimonial of skills demonstrated throughout the year.

Skills included in the course are: communication and interpersonal skills, time-management strategies, planning and goal setting. These are essential skills for success at school, in the workplace and throughout daily life.

Course Cost

\$20 course fee to cover workbooks and other materials used.

Course Assessment – Standards Assessed

Standards offered may change depending on student need.

Internal	3 credits	US 3494	Write minutes for a meeting
	3 credits	US 9705	Give and respond to feedback on performance
	3 credits	US2990	Read texts to research information.
	3 credits	US11097	Listen actively to gain information in an interactive situation

Future Areas of Study and Interest

Students planning on entering employment, Tertiary courses at Vocational colleges.

Who to talk to: Ms Gunput and your Dean



CAREER EDUCATION

Vocational Pathways – 13VPT

Pre-requisite: None

Course Information

The 13VPT course is a Career Education programme designed to equip students with life and work skills which will help them both while at school and when they leave school. 13VPT has more of a focus on the transition process to tertiary study, work or training. While the course builds upon the skills developed in 12VPT, there is no prerequisite for 13VPT. Students complete Core Skills Unit Standards in class and may apply for the Gateway Programme as well. Gateway work experience placements vary depending on the student's interests and availability of places. Gateway provides opportunities in a range of sectors including (but not limited to) Sport, Computer Hardware, Computer Software, Retail, Hospitality, Hair and Makeup, Automotive, Electrical, Health, Childcare and Primary Teaching. Unit standards for 13VPT may differ from year to year depending on availability and TIC discretion.

Course Assessment

3 credits	US 1296	Interview in an informal situation
2 credits	US 4251	Plan a career pathway (career research)
4 credits	US 28100	Develop a long term personal goal
3 credits	US 9694	Actively Listen to gain information
5 credits	US 9694	Communication process theory

Total in class credits: 17

Health and Safety in the workplace course credits. Level 3, 8 Credits

Please note the specific Unit Standards covered in this course are subject to change depending on external providers and student needs. Minimum of 20 credits at Level 3.

Future Areas of Interest and Study

Areas of interest/study will relate to the chosen Vocational Pathway Sector.

Who to talk to: Gateway Coordinator or HOD Career Education



SUBJECT CHOICE – A HELPFUL GUIDE

Talk to your friends and family about your career ideas, but remember that the decision is yours – your career should be the 'best fit' for *you*.

If you have a career in mind, consider if it matches with your skills and abilities, your values and your interests.

<https://www.careers.govt.nz/plan-your-career/not-sure-what-to-do/what-are-your-work-values/>

Read about the career/s you might be interested in, especially What Will I Do In This Job.
<https://www.careers.govt.nz/jobs-database/>

Read about all the subjects you are interested in taking next year.

Think about the subjects that you might need to help you reach your career.

<https://www.careers.govt.nz/jobs-database/>

Are you taking subjects that you enjoy, are good at and are useful?

Check with your subject teacher at Options Evening to see if they agree with you

Are all these things matching up?

Now take another look at your subject selections – will you enjoy taking these subjects? Are they broad enough to keep your options a bit open in case you change your mind?

If you are still unsure about your choices, talk to the Careers Dept at Options Evening in the school library, or email pleask@apps.eggs.school.nz or lpulsford@apps.eggs.school.nz



ONLINE COURSE SELECTION GUIDE

Subject Choice for Year 13 2019

This page provides a guide to help you finalise your course selection.

There are no compulsory subjects at Year 13. Please select **5 subject choices** in lines 1 to 5.

Please refer to the *Course Selection Booklet* for information on subjects and the *Career Education Pathways Booklet* for information on entry into tertiary study and career pathways. At least 4 subjects should be on the approved list if you are planning to attend university (UE and rank score).

Subject:	Code	Subject:	Code	Subject:	Code	Subject:	Code
Accounting	13ACC	Digital Technologies	13DIT	Health Sociology & Investigations	13HEA	Physics	13PHY
Art History (Modern)	13AHM	Drama	13DRA	History	13HIS	Printmaking	13APR
Art History (Renaissance)	13AHR	Early Childhood Education	13ECE	Hospitality	13HOS	Sculpture	13ASC
Biology	13BIO	Economics	13ECO	Japanese	13JPN	Spanish	13SPA
Business Enterprise & Legal Studies	13BLS	English	13ENG	Latin	13LAT	Sports Science	13PSS
Business Studies	13BUS	English Shakespeare	13ENS	Literacy	13LIT	Statistics A	13STA
Calculus	13CAL	English Foundation	13ENF	Learning Skills Programme	13LSP	Statistics B	13STB
Chemistry	13CHE	English (ESOL)	13ESL	Mathematics	13MTH	Te Reo Māori	13MAO
Chinese Second Language	13CHN	Environmental Science	13EVS	Media Studies	13MED	Textiles & Design	13TEX
Chinese Heritage Language	13CHS	Food Tech	13FTE	Music Studies	13MUS	Travel and Tourism	13TRT
Classical Studies	13CLS	French	13FRE	Painting	13APA	Vocational Pathways	13VPT
Design	13ADE	Geography	13GEO	Performance Music	13MUP		
Design Technology	13DET	Graphics	13GRA	Photography	13APH		

You may also choose any NCEA level 1 and/or 2 subject – refer to summary chart pages 10-11 of your Course Selection Booklet.

Please remember the final deadline for online course selection is no later than 8am Monday 13 August 2018.

Subjects will be offered only if numbers and staffing permit. We cannot guarantee to accommodate every individual combination of subjects.



TIMELINE FOR CHOOSING YOUR 2019 OPTIONS

Monday 23 July	Year 10 Options Assembly Senior Course Selection Booklets available online for Years 10, 11 & 12 (sample Forms included in it). Students who do not have an email address registered with the School will receive a hard copy. HOD/TICs, Deans will have hard copies; desk copies will be available for student use at The Careers Centre, Student Services and the Library. Copies will also be available at reception for any parents unable to make use of the flip book online.
Thursday 26 July	EGGS Careers Evening - Tertiary providers
Monday 30 July	Course selection forms available on the Web Portal in the primary caregiver view
Thursday 2 August	Senior Options Evening (Years 10, 11, and 12)
Monday 13 August	8am Completion of online Course selection
Monday 3 September	Winter Tournament Week
Thu 13 – Fri 21 Sept	Senior Examinations
Friday 28 September	Term 3 ends