



unlimited  
P A E N G A T A W H I T I



Unlimited Paenga Tawhiti, PO Box 4666, 263 High Street, Christchurch • p. +64 4 377 7773 • f. +64 3 377 7713 • office@unlimited.school.nz

# Course Selection 2009



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Introduction

LDE ✓

Courses ✓

Qualifications ✓

### **Courses at UPT**

At Unlimited Paenga Tawhiti you will change your programme every 5 weeks. Rather than take a course for an entire year, you can pick and choose the parts of the curriculum that best meet your agreed pathway. We still offer English, Maths, Science and Social Studies at Y9-13 Level but you'll find that they are all broken up into self contained 5 week course blocks. For example English Adv 1 is broken up into 7 courses that cover creative writing, formal writing, speech and research, static images, novels, films and poetry. If you were planning on going on to a design school when you finished school, you could choose to do all the relevant English courses (static images, film, creative writing and formal writing) and not take the others, choosing to use that time to focus on your passions. It is not necessary for you to do the whole of any particular programme. In fact, you may wish to try a range of different options and as a result of these experiences, make a very good choice about courses that you would like to study in the long term. You will need to be careful to ensure that you do get a good grounding in particular subjects that you may wish to continue to study through school and possibly beyond. Your LA will help you through this process.

### **Learner Directed Experiences (LDE)**

This is a term we use to describe students following their passions and interests through individual or small group learning experiences that they have selected. These can be extremely diverse in nature and there is no set way of approaching them, which may include 'inquiry' learning. Your LA will help you to plan an approach to your inquiry that will give you the maximum opportunity to extend your skills, knowledge and interests and assist you in putting in place the processes which will make this successful for you.

### **Foundation Courses**

Foundation courses are planned on a two year long term plan. This ensures coverage of the curriculum and provides students with time to explore as many possibilities as they wish. The courses are designed to provide you with the skills useful for Advanced courses. While they generally focus on Year 9 and Year 10 levels of the curriculum, we recognise that students have a range of knowledge skills and abilities regardless of age. Part of your IEP will be to identify the appropriate level of courses for you to build on and extend your current learning levels. You might be working at different levels in different subjects. Foundation courses have either a curriculum focus or take a 'holistic' approach. This where two or three curriculum areas work together to support a topic, that has been chosen to be of interest to young people. Both ways are valuable in covering the curriculum.

### **Advanced Courses**

These build on foundation courses and will normally have NCEA Levels 1-3 qualifications offered within them. We want you to be working at the most appropriate level for you as an individual so some or all of your programme may be above or below what might be seen as the traditional level for your year group. Your IEP meetings will help clarify where you are working best in a particular curriculum or topic area.

### **Other Opportunities**

Some of your programme may be offered through one of our strategic partners which include Canterbury University or CPIT, Cisco, Sir George Seymour College, Natcol, Correspondence

School or Hagley Community College. The school will make arrangements for students interested in courses that we are unable to offer but which can be provided through one of these partners.

### Qualifications

You will have every opportunity to achieve qualifications at Unlimited Paenga Tawhiti. Remember that if you make good choices your learning should be fun, be more easily achieved and definitely enhance your quality of life.

### The National Certificate Of Educational Achievement (NCEA)

NCEA is the main qualification at all senior school levels. It provides the pathway to tertiary education, workplace training and is an important part of learning for many of our students. Within this booklet you will see a break down of qualification for each subject. You will be able to see how many credits you could achieve at each level, and whether the credits are offered internally or externally.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Found English	None	0	0	Steven Mustor
Literacy Adv 1	English Level 1	9	0	Braden Faavae
UE Literacy	English Level 2	10	0	Steven Mustor
English Adv 1	English Level 1	21	12	Braden Faavae
English Adv 2	English Level 2	16	9	Steven Mustor
English Adv 3	English Level 3	21	3	André Prichard

Course Title →

NCEA Level →

Internal credits count for the entire year

External credits count for the entire year

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.

### NCEA Certificates

To achieve your NCEA Certificate at Level 1, 2 or 3 you need to meet the following criteria.

Requirements	Level 1	Level 2	Level 3
Credits at Level	80	60	60
Other credits	0	20 at any level	20 at Level 2 or 3
Literacy	8 English	0	0
Numeracy	8 Maths	0	0

### University Entrance

University Entrance is a separate qualification from the NCEA Level 3 Certificate. The requirements listed below are taken directly from the NCEA website.

- a minimum of 42 credits at level 3 or higher on the National Qualifications Framework, including a minimum of 14 credits at level 3 or higher in each of two subjects from an approved subject list, with a further 14 credits at level 3 or higher taken from no more than two additional domains on the National Qualifications Framework or approved subjects
- a minimum of 14 credits at level 1 or higher in Mathematics or Pangarau on the National Qualifications Framework
- a minimum of 8 credits at level 2 or higher in English or Te Reo Māori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards.

Requirements	Level 3	Level 2	Level 1
Approved Subject at Level 3	14	-	-
Approved Subject at Level 3	14	-	-
Approved Subject at Level 3 OR Credits from up to 2 subjects from NZQA Framework	14	-	-
Numeracy (Maths)	0	0	14
Literacy (English or Te Reo Māori)	0	4 Reading 4 Writing	0

For further information relating to NCEA please consult the *Unlimited NCEA Student Handbook* or see John Boereboom.

### Special Assessment Conditions for NCEA

NZQA offers special assessment conditions to assist students with learning difficulties to complete NCEA assessments. These conditions may include:

- Extra time
- Separate room
- Reader/writer support
- Use of a laptop

These conditions need to be applied for early in the year and reapplied for each year. Each applicant needs a report from an Educational Psychologist recommending what special conditions are required. A copy of this report together with a letter of application from the parents/caregivers should be forwarded to John Boereboom or Barbara Adcock as early as possible in the school year.

### What if the course I want isn't in this booklet?

If you've a passion for a subject that's not on listed in this booklet and would like to see it run as a course or you have an idea for a course, mention it to the LA you do your course selection with.

### Where can I find more detailed course information for 2008 courses?

You can see the descriptor for every course help at UPT by checking out our schedule at

- <http://www.unlimited.school.nz/schedule/Schedule/Home.html>



## English

### Overview

English at UPT provides you with the opportunity to develop your creative mind, analytical skills and build your ability to communicate your ideas in a variety of forms.

**Foundation:** These English classes are designed to develop your existing skills in writing, speaking, presenting and analysing a range of different texts. The classes are usually built around real world contexts.

**Advanced:** Advanced level courses continue the work started at foundation level. You will continue to explore the written, oral and visual language. NCEA is offered in most of the courses.

**LDE:** You could also choose to take English as part of your LDE. Present your inquiry, project or ideas as a presentation, or get into filmmaking. Just follow your passions and enthusiasms and the English will follow. Any research, inquiry, presentation or discussion will have an English component. The trick is to make sure that you discuss it first.

### What have the courses been like in the past?

#### Foundation English

##### **Frankenstein's Genes (Research)**

Will you eat GM foods? It's a hot topic in the world just now so find out the facts as well as the opinions on all sides. What does it mean, where is it taking us, what are its implications for all of us? These are just a few of the questions you'll explore.

#### English Adv 1

##### **Gimme more Britney (Static Image)**

In this course we will study portrayals of male and female on MTV videos. What roles do males and females take in the videos? Who are the videos aimed at? What messages are the videos communicating? Students will then either mimic/ subvert/ copy/ mock MTV in their own static images.

#### English Adv 2

##### **People of the Book': Holocaust Literature (Research)**

The systematic extermination of 6 million European Jews between 1933 and '45 is one of the great tragedies of recent human history. Its stain continues to colour contemporary Western society, affecting everything from international relations to heavy metal music. In this class we will examine the novels, poetry, songs, comics, films and photographs that document the Holocaust, asking ourselves how it could happen and, more importantly, whether it could happen again. Ultimately, we will gain a deeper understanding of the human capacity for cruelty and the dangerous power of mass suggestion and propaganda. This class can be linked to a Level 2 theme study or research.

### English/Media Studies Adv 3

#### Film Art

Film is an amazing media to tell a story, communicate a message or just to waste away an afternoon. This module aims to provide you with inspiration for making your own short film later in the year, as well as introducing you to some key conventions of filmic language. You will examine a range of films genres and conventions, which unfortunately means watching several films in during class (popcorn not included). This course is essential if you plan to attend ANY English Media courses this year.

#### What are some future careers requiring English as a subject?

The skills you get in studying English at UPT can take you almost anywhere. You might eventually become a TV Presenter, Language Teacher, Actor, Copywriter, Communications Officer, Journalist, Librarian, Secondary Teacher, Lecturer, CV Consultant, Information Officer, Politician, Filmmaker, Lawyer, Novelist, Book Buyer, Writer, Market Research Analyst, Media Production Assistant and Publishing.

#### What qualifications can I get?

NCEA credits are offered in the English Adv 1/2/3 classes or independently (providing you have negotiated this with an English Learning Advisor before the end of Term 2). You can take internal assessments in formal writing, creative writing, presenting, viewing, reading, and research. You can also sit external exams in formal writing and analysing a variety of texts (novel, short stories or poetry, film and unfamiliar).

#### Literacy for Level 1 and University Entrance

English is an important subject to consider when thinking about qualifications like University Entrance and NCEA Level 1 Certificate. If you are not interested in English as a long term subject choice but you need literacy credits for either certificate, then you should take the Literacy Adv 1 and UE Literacy classes or have a conversation early in the year with an English teaching LA.

#### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in English, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Found English	None	0	0	Steven Mustor
Literacy Adv 1	English Level 1	9	0	Braden Faavae
UE Literacy	English Level 2	10	0	Steven Mustor
English Adv 1	English Level 1	21	12	Braden Faavae
English Adv 2	English Level 2	16	9	Steven Mustor
English Adv 3	English Level 3	21	4	André Prichard
English Media Adv	Media Level 3	6	3	Steven Mustor

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## The Arts

### Overview

In the arts, students explore, refine, and communicate ideas as they connect thinking, imagination, senses, and feelings to create works and respond to the works of others..

**Foundation:** The Arts foundation classes are designed to develop your existing skills in music, dance, drama and visual arts. The classes are made up of a combination of skill focused and holistic, real world context classes.

**Advanced** - Advanced courses in The Arts let you work towards long term goals like Art/Photography portfolios, major productions and music performances, as well as continuing to build your skill and theoretical base.

**LDE** - You could work on creating a portfolio of your own work, get involved with a dance company, learn an instrument, or maybe write a song and start a band to win Rockquest.

### What have the courses been like in the past?

#### Foundation Drama

#### Theatre Sports Marathon

If you loved improv at the start of the year then you will go berserk for wall to wall theatre sports. Come and give it heaps.

#### Music Adv 1

#### Homegrown Music

What is it that makes Kiwi music so great! We will be looking at the history of New Zealand music, listening to and analysing a range of kiwi bands, from past to present. You can study almost any genre you like, as long as the bands you select come from right here in NZ. We will also look at the ins and outs of the music industry, performing rights, careers in music and how to promote your own music. At the end of the block we will be putting on a performance of some of the tunes we've studied.

#### Art Adv 2

#### Art

During this first block you will explore your interests through any means available (printing, drawing, painting) trying to define an area of interest and begin collecting resources to help you work towards the production and presentation of new and invigorating work. Throughout the year you will gain skills in developing and generating ideas using drawing processes and procedures. Students will research artist models relevant to their chosen subject matter, explore and begin their own work in response of some of the pictorial and/or conceptual concerns of those artists.

## Photography Adv 3

### Best In Show

In this block we will be learning how to print and display your photos, produce portfolios, take wildlife photos, studio photos, working with Flash photography and the fundamentals of using film. Also continuing individual projects. Field trips will include: Orana Park, Lyttelton and Artists studios

### What are some future careers requiring The Arts as a subject?

The skills you get in studying The Arts at UPT can take you to a career as an artist, dancer, actor, producer, photography, designer, musician, international Rock God.

### What qualifications can I get?

NCEA credits are offered in the Art Adv 1, Drama Adv 1, Music Adv 1, Art Adv 2, Art Design Adv 2, Drama Adv 2, Music Adv 2, Drama Adv 3, Music Adv 3, Photography Adv 3, Sculpture Adv 3 and Painting Adv 3 classes or independently (providing you have negotiated this with one of The Arts Learning Advisor before the end of Term 2). You can take internal assessments in every subject within The Arts. There are also external exams for many of the subjects including portfolio design in Visual Arts.

NOTE: Visual Arts - Below are the amount you can work on in any area, however it is established at the start of the year, what each individual wants to work towards. It is not concrete that the amount indicated below will be offered, just what could be attained. There are more unit standards available also.

### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in The Arts, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Foundation Art	None	0	0	Anton Mogridge
Foundation Dance	None	0	0	Alister Emerson
Foundation Drama	None	0	0	Alister Emerson
Foundation Music	None	0	0	Matt Davis
Art Adv 1	Art Level 1	14	12	James Muir
Dance Advanced	Dance Level 1-3	TBC	TBC	Alister Emerson
Drama Adv 1	Drama Level 1	19	5	Alister Emerson
Music Adv 1	Music Level 1	21	5	Matt Davis
Art Adv 2	Art Level 2	12	12	Anton Mogridge
Design Adv 2	Design Level 2	12	12	Anton Mogridge
Drama Adv 2	Drama Level 2	19	5	Alister Emerson
Music Adv 2	Music Adv 2	27	6	Matt Davis

<b>Course Name</b>	<b>NCEA offered</b>	<b>Int Cr*</b>	<b>Ext Cr*</b>	<b>Contact</b>
<b>Photography Adv 2</b>	<b>Photo Level 2</b>	<b>12</b>	<b>12</b>	<b>James Muir</b>
<b>Drama Adv 3</b>	<b>Drama Level 3</b>	<b>16</b>	<b>8</b>	<b>Alister Emerson</b>
<b>Design Adv 3</b>	<b>Design Level 3</b>	<b>12</b>	<b>12</b>	<b>Anton Mogridge</b>
<b>Music Adv 3</b>	<b>Music Level 3</b>	<b>20</b>	<b>0</b>	<b>Matt Davis</b>
<b>Painting Adv 3</b>	<b>Art Level 3</b>	<b>12</b>	<b>12</b>	<b>Anton Mogridge</b>
<b>Photography Adv 3</b>	<b>Photo Level 3</b>	<b>12</b>	<b>12</b>	<b>James Muir</b>
<b>Printmaking Adv 3</b>	<b>Art Level 3</b>	<b>12</b>	<b>12</b>	<b>Anton Mogridge</b>
<b>Sculpture Adv 3</b>	<b>Art Level 3</b>	<b>12</b>	<b>12</b>	<b>Anton Mogridge</b>

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Health & PE

### Overview

In health and physical education, students learn about their own well-being, and that of others and society, in health-related and movement contexts

**Foundation** - Foundation Health, PE and Hospitality courses are all about participation. PE students can expect lots of travel and activity. Hospitality lets you experiment with and enjoy food.

**Advanced** - PE Adv and hospitality courses have both theory and practical components. You'll get to move your body and your mind. Outdoor Education courses are all about getting outdoors and testing your limits.

**LDE** - You could get working on designing your own fitness plan, training programme, or take activities for others (with credits available).

### What have the courses been like in the past?

#### Foundation PE

##### **Balls, Balls and More Balls!**

There are more ball games around than you can shake a stick at! Which ones are good? Which are stupid? Which ones with a little thought and a bit of kiwi ingenuity, could be made better?? We will explore the vast amount of large and small ball games and try to come up with some new and exciting twists to add to the tired old ones, hopefully creating the next new craze! It worked for cricket! (20/20). How bout your sport??.

#### Hospitality Adv 1

##### **Hospitality Adv 1**

Hospitality NCEA Level 1. Cooking, catering and tasting. Discover the culinary you.

#### Health Adv 2

##### **The Dating Game**

Find out about traditional and modern dating methods. What is speed dating? Are they all nutters on the internet? How can you tell if someone is interested in you. How can you show, without being too obvious, that you are interested in someone? Come to this class and discover all this and more.

#### Outdoor Education Adv 3

##### **Fang 2 - Mountain Biking Two**

This is an advanced Mountain Biking course which will require students to have a high level of riding competency. Cross-country rides will be undertaken on the Port Hills using single tracks. Participants will need a good level of fitness and a suitable bike (hard tail or full suspension cross-country set up with 18 or more gears).

### What are some future careers requiring PE or Health as a subject?

The skills you get in studying PE or Health at UPT can take you to a career in .sports science, research, physio, dietician, personal trainer, coaching, commentator, Olympian, Chef, nurse, or counsellor.

### What qualifications can I get?

NCEA credits are offered in the Hospitality Adv 1, PE Adv 1, Hospitality Adv 2, PE Adv 2, Health Adv 2, Health Adv 3 and PE Adv 3 classes or independently (providing you have negotiated this with an PE, Heath or Hospitality Learning Advisor before the end of Term 2). There are no external exams available in Health or PE.

### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Health, PE or Hospitality, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Found Hospitality	None	0	0	Barb Cook
Found Health	None	0	0	Emma Barrett
Found PE	None	0	0	Emma Barrett
Hospitality Adv 1	Level 1	0	0	Barb Cook
PE Adv 1	PE Level 1	21	0	Emma Barrett
Outdoor Ed Adv 1	Level 1	3	0	Peter Brailsford
Health Adv 2	Health Level 2	3	0	Robyn Johnston
Hospitality Adv 2	Level 2	0	0	Barb Cook
Outdoor Ed Adv 2	Level 2	25	0	Peter Brailsford
PE Adv 2	PE Level 2	11	0	Emma Barrett
Outdoor Ed Adv 3	Level 3	25	0	Peter Brailsford
PE Adv 3	PE Level 3	18	0	Emma Barrett

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Languages

### Overview

In learning languages, students learn to communicate in an additional language, develop their capacity to learn further languages, and explore different world views in relation to their own.

**Foundation** - Learn about another culture and explore the basics of its language. Have a go at Māori, Spanish, German, Japanese or French.

**Advanced** - These course build on the basics you got at foundation level. You could even start getting some NCEA for your newly acquired language skills.

**LDE** - Interested in a language that's not offered in class? Try correspondence school languages or see if you can hunt down a mentor to guide you.

### What have the courses been like in the past?

#### Foundation Māori

##### Māori Art

What is Maori art? Our theme for this course will be exploring what is Maori art and some of its forms. And of course, we'll be trying out some practical work ourselves. On top of this, we'll work on our language skills and learn about local placenames.

#### Spanish Adv 1

##### Español Avanzado

Students wishing to study Spanish at UPT are committing to a full-year programme. The year's programme is progressive and cumulative so students must study the entire course. We will be using Panorama, which is the text used by University of Canterbury for 2007's first year Spanish course. It is hoped that we will complete the entire 15-unit course over the year.

#### Japanese Adv 3

##### Japanese Advanced 1-3

In this course you will work at L1/2/3, at your own pace. There will be assessments available at different times throughout Term 2 and 3. Conversation, customs, language structures etc will be re-visited in this course.

#### German Adv 3

##### Advanced German

This course caters for students who have extensive prior knowledge of German language and have fluency in spoken language and knowledge of grammatical and written conventions. As part of this course you will write a children's story, write a song and a poem and even a short story. At the end of this five week block, we will invite some members of the German school community for a short German play. You will prepare for this occasion.

### What are some future careers requiring Languages as a subject?

The skills you get in studying Languages at UPT can start you on a path to a career as a diplomat, translator, personal assistant, travel consultant and so much more.

### What qualifications can I get?

NCEA credits are offered in the some of the language classes. You'll need to have a conversation with a languages LA around the type and numbers of credits available.

### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Languages, simply contact the appropriate LA from the list below. Languages that are not offered at UPT can be taken through Correspondence school or CPIT or STAR or supported by a parent after talking to Tanja Grzeta.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Foundation Dutch	None	0	0	Tanja Grzeta
Foundation French	None	0	0	Maggie Dickison
Foundation German	None	0	0	Tanja Grzeta
Found Japanese	None	0	0	Tanja Grzeta
Foundation Korean	None	0	0	Richard McCance
Found Spanish	None	0	0	Richard McCance
Found Māori	None	0	0	Phil Prendergast
Advanced French	French Level 1-3	See LA	See LA	Maggie Dickison
Advanced German	German Level 1-3	See LA	See LA	Tanja Grzeta
Advanced Japanese	Japanese Level 1-3	See LA	See LA	Tanja Grzeta
Advanced Spanish	Spanish Level 1	See LA	See LA	Richard McCance
Advanced Māori	Māori Level 1-3	See LA	See LA	Phil Prendergast
Other Foundation Languages	None	0	0	Tanja Grzeta
Other Advanced Languages	See LA	See LA	See LA	Tanja Grzeta

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Maths & Statistics

### Overview

In maths and statistics, students explore relationships in quantities, space, and data and learn to express these relationships in ways that help them to make sense of the world around them.

**Foundation** - Foundation maths courses are a combination of real life context courses that let you explore maths in a range of settings, and essential numeracy skills that will lay the foundation for any future NCEA goals you might have.

**Advanced** - You can get your numeracy credits, work on extending your maths skills, and at Level 3 you can focus on advanced maths like calculus and statistics.

**LDE** - You can prepare a budget for your event, build a scale model of your favourite landmark, or work on getting those pesky Level 1 Numeracy credits out of the way.

### What have the courses been like in the past?

#### Foundation Maths

##### Algebra

Learn the international language used in Mathematics - Algebra. Essential if you want to progress in any advanced Mathematics, Science, Engineering or Economics. We'll start at the most simple and work our way up to prepare you to take an NCEA level 1 class next year.

#### Maths Adv 1

##### Money, Money, Money!

This module will look at the Maths of Money and Business. You will investigate GST, Mark-up, PAYE, salaries v wage, interest (compound & simple), and basic money facts. Ratio, decimals and fractions will also be a part of this module. The course will cover everything needed for the external Number Achievement Standard, as well as offering some optional Unit Standards.

#### Maths Adv 2

##### History of Maths

A 2 credit unit standard where you research a historical figure in mathematics and write a report. There will be the opportunity for Derek to help you with other level two unit standards like algebra or trig. It may be possible to expand the historical report to gain some history credits.

#### Statistics Adv 3

##### Confidence Intervals

Here we use the concepts from from the two previous modules to introduce a method of comparing populations, deciding on the best sample size for a survey and calculating the error in sample statistics. These are one method of helping make decisions in science and industry.

### What are some future careers requiring Maths as a subject?

Studying Science at UPT can start you on the path to becoming Casino Worker, Veterinary Nurse, Website Administrator, Volcanologist, Accountant, Financial Planning, Economics, Merchant Banker, Energy Management, Avionics.

### What qualifications can I get?

NCEA credits are offered in the Numeracy Adv 1, Maths Adv 1 and 2, Calculus Level 3, Statistics Level 3 classes or independently (providing you have negotiated this with an Maths Learning Advisor before the end of Term 2). Please note that when sitting maths at NCEA some of the standards exclude each other so ask your Subject LA.

### Numeracy for Level 1 and University Entrance

Maths is an important subject to consider when thinking about qualifications like University Entrance and NCEA Level 1 Certificate. If you are not interested in Maths as a long term subject choice but you need numeracy credits for either certificate, then you should take the Numeracy Adv 1 or have a conversation early in the year with an Maths teaching LA, instead of taking the Maths Adv classes.

### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Maths, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Foundation Maths	None	0	0	Louise Wilson
Found Numeracy	None	0	0	Duncan Woods
Numeracy Adv 1	Maths Level 1	14	0	Louise Wilson
Maths Adv 1	Maths Level 1	27	14	Ino Kelderman
Maths Adv 2	Maths Level 2	23	17	Derek Thatcher
Calculus Adv 3	Maths Level 3	22	20	Derek Thatcher
Statistics Adv 3	Maths Level 3	14	15	Duncan Woods

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Science

### Overview

In science, students explore how both the natural physical world and science itself work so that they can participate as critical, informed, and responsible citizens in a society in which science plays a significant role.

**Foundation** - Science comes alive at foundation level with courses designed to introduce you to the skills useful for advanced science courses. You will also find courses that are holistically planned and encourage you to think about science on your terms.

**Advanced** - At advanced level you are able to gain qualifications for your growing scientific understandings and wonderings. Specialise in physics, earth sciences, biology or chemistry.

**LDE** - You could create your own experiment and enter science fair, research a scientific issue, discover your genetic family tree (which ancestor gave you red curly hair?), build an radio or create a debate on stem cells or human evolution.

### What have the courses been like in the past?

#### Foundation Science

##### **The importance of earnest plants**

How much do you know about the humble plant? How do plants simply survive off sunshine? What are they mysteries of their reproduction? Which are friend or foe? Native or exotic? Conifer or angiosperm? How important are they really? We will travel back in time to consider what plants Maori used for food and healing, and then back to modern day, where natural fibre and plant extract are becoming increasingly common on the labels of our goods.

#### Science Adv 1

##### **Fraction too much friction (Force and Motion)**

Curious about what causes and effects motion? Want to know how to calculate speed or acceleration? What did Issac Newton discover about forces and gravity? In this block you will learn all about Force and Motion. This is a very practical unit ; measuring, calculating, graphing and interpreting real life data. Students will need a calculator and ruler to attend this class.

#### Chemistry Adv 2

##### **Organic Chemistry**

This intensive course builds on organic material already discussed this year, and will look at basic molecular structure of organic compounds, hydrocarbons, haloalkanes, alcohols, carboxylic acids, esters, and organic reactions.

## Biology Adv 3

### Biology Plant And Animal Behaviour

How do plants react to their environment? How do animals know what to eat and how to catch it? This module investigates behaviour and you may see how some basic animal behaviours show up in humans. We will study both innate and learned behaviour, migrations, hunting, fighting and defensive actions, and see how they relate to survival

### What are some future careers requiring Science as a subject?

Studying Science at UPT can start you on the path to becoming Biochemist, Ecologist, Marine Biologist, Biosecurity Officer, Boat Builder, Automotive Electrician, Air Traffic Controller, Structural Engineer, Taxidermist, Weather Forecaster, Winemaker, Medical Pathologist, Criminal Forensics Officer,

### What qualifications can I get?

NCEA credits are offered in the Earth and Environmental Science Adv 1, Science Adv 1, Biology Adv 2, Chemistry Adv 2, Education for Sustainability Adv 2, Physics Adv 2, Biology Adv 3, Chemistry Adv 3 and Physics Adv 3 classes or independently (providing you have negotiated this with an Science Learning Advisor before the end of Term 2).

### Who can I talk to for more information?

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Science, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Foundation Science	None	0	0	KJ Davie
Earth/Enviro Sci	Level 1	18	8	KJ Davie
Science Adv 1	Science Level 1	13-17	15	KJ Davie
Biology Adv 2	Biology Level 2	12	15	Miriam Denney
Chemistry Adv 2	Chemistry Level 2	24	16	Scott Franklin
EFS	Level 2	13	13	KJ Davie
Physics Adv 2	Physics Level 2	6	20	John Boereboom
Chemistry Adv 3	Chemistry Level 3	20	18	Scott Franklin
Physics Adv 3	Physics Level 3	14	18	John Boereboom
Biology Adv 3	Biology Level 3	14	14	Miriam Denney

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Social Sciences

### Overview

In the social sciences, students explore how societies work and how they themselves can participate and take action as critical, informed, and responsible citizens.

**Foundation** - Holistic courses are designed to work provide the perfect gateway to advanced Social Science courses. You'll get the essential skills for geography, history, psychology, philosophy, economics and sustainability, all packaged in in real world contexts that have your needs at the centre.

**Advanced** - At advanced level you can start focusing your interests to specific subjects. Work on real projects, join philosophy discussion groups, or find out about the past with an eye on today.

**LDE** - Inquiries and projects can have a social sciences bend. You could build a community garden, research your family history, conduct ethnographic research or get some work experience at a law firm.

### What have the courses been like in the past?

#### Foundation Holistic

##### Latte to Go

Where is the best coffee? Explore of the Coffee trade and look at its effects on society. How have attitudes to coffee changed, how has the development of the Café culture come about and what social issues that have emerged from the coffee trade like Fair Trade. The unit will examine the history and economics around coffee, look at the how different people view coffee and the coffee trade and if there are any social decisions and actions that can be made.

#### History Adv 1

##### Spanish Civil War

We will investigate a number of significant historic forces relevant to this struggle. We will focus on the roles of the Republican and Nationalist forces. In addition to the relevant historic content we will be exploring the work of Pablo Picasso and the Cubist movement as an historic and culturally important force.

#### Psychology Adv 3

##### Social Psychology

This will expose students to some of the more interesting topics and research from social psychology. Topics covered will be Conformity, Obedience to Authority, Social Facilitation, Deindividuation, and Group-Think. An understanding of experimental design will be developed along with ethical issues that attach to research with humans and animals.

<b>Philosophy Adv 3</b>	<b>Philosophy and God</b> Does God exist? This is one of the ultimate questions. We are atheists about Zeus, Osiris, Thor, and Amenra. Would it be rational to add one more god to the list? Students will explore the standard arguments for and against the existence of God and decide for themselves whether belief in God can be rationally justified.
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**What are some future careers requiring Social Sciences as a subject?**

Social Sciences can help you get started on your journey to a career like becoming a lawyer, psychologist, anthropologist, archaeologist, curator, librarian, human resources manager, policy analyst, economist, political commentator, cartographer, journalist, historian, diplomat, politician, priest, social worker, teacher and international traveller.

**What qualifications can I get?**

NCEA credits are offered in the Economics Adv 1, Earth and Environmental Science Adv 1, Geography Adv 1, History Adv 1, Economics Adv 2, Education for Sustainability Adv 2, Geography Adv 2, History Adv 2, Psychology Adv 2, Sociology Adv 2, Classics Adv 3, Economics Adv 3, Geography Adv 3, History Adv 3, Legal Studies Adv 3, Psychology Adv 3 and Sociology Adv 3 classes or independently (providing you have negotiated this with a Social Sciences Learning Advisor before the end of Term 2).

**Who can I talk to for more information?**

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Science, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Foundation Holistic	None	0	0	Steven Mustor
Economics Adv 1	Economics Level 1	22	0	Maggie Dickison
Geography Adv 1	Geography Level 1	11	10	KJ Davie
History Adv 1	History Level 1	18	4	Richard McCance
Earth/Enviro Sci	Level 2	18	8	KJ Davie
Economics Adv 2	Economics Level 2	22	0	Rachel Sherry
EFS	Level 2	13	13	KJ Davie
Geography Adv 2	Geography Level 2	6	13	KJ Davie
History Adv 2	History Level 2	16	4	Richard McCance
Psychology Adv 2	Psychology Level 2	22	0	Allan Henderson
Sociology Adv 2	Sociology Level 2	22	0	Allan Henderson
Classics Adv 3	Classics Level 1	6	18	Steven Mustor
Economics Adv 3	Economics Level 3	20	0	Rachel Sherry

<b>Course Name</b>	<b>NCEA offered</b>	<b>Int Cr*</b>	<b>Ext Cr*</b>	<b>Contact</b>
<b>Geography Adv 3</b>	<b>Geography Level 3</b>	<b>16</b>	<b>7</b>	<b>KJ Davie</b>
<b>History Adv 3</b>	<b>History Level 3</b>	<b>16</b>	<b>4</b>	<b>Richard McCance</b>
<b>Legal Studies Adv 3</b>	<b>Legal Studies Lvl 3</b>	<b>15</b>	<b>0</b>	<b>Allan Henderson</b>
<b>Philosophy Adv 3</b>	<b>Level 3</b>	<b>17</b>	<b>0</b>	<b>Brent Silby</b>
<b>Psychology Adv 3</b>	<b>Psychology Level 3</b>	<b>28</b>	<b>0</b>	<b>Allan Henderson</b>
<b>Sociology Adv 3</b>	<b>Sociology Level 3</b>	<b>18</b>	<b>0</b>	<b>Allan Henderson</b>

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.



## Technology

<b>Overview</b>	In technology, students learn to be innovative developers of products and systems and discerning consumers who will make a difference in the world.
	<b>Foundation</b> - Is about learning through doing. You will use technology to make products that you can honestly say you built. You also be exposed to the basic skills that will support your future technology goals.
	<b>Advanced</b> - You can get involved in event management, game design or simply work on getting credits for the ICT skills that you have.
	<b>LDE</b> - Technology is the ideal place for your LDE needs. Make something! Think it, plan it, make it and show it off. If you can think it you can try to turn it from imagined to real.

### What have the courses been like in the past?

<b>Foundation Technology</b>	<p><b>Bone Carving</b></p> <p>Explore the design elements and practical hands on process of carving pendants from bone. Take part in the process of design, constraints identification, creating the product and evaluation.</p>
<b>Foundation ICT</b>	<p><b>Real World Game Design: Tank Game</b></p> <p>This is an advanced Flash project where we all contribute to one big game as a class. This class will continue the game we started in Real World Game design last year. We will be adding more details and polishing the game play. The aim for the course is to complete the game and release it online. This class will combine the Level Design, Programming and Graphics classes from last year.</p>
<b>ICT Adv 1</b>	<p><b>How email has changed communication</b></p> <p>Communication using email, telephone, txt, letters, what are the differences. How has the internet changed how we communicate.</p>
<b>ICT Adv 3</b>	<p><b>Promote the RAVE</b></p> <p>A group of entrepreneurial students are promoting Audiodreams Raves and DJ services. We need some promotional material. Students in this option will produce a Poster, Folding flier, and small booklet. Completed products will be used to promote the Rave and other Audiodreams services.</p>

### What are some future careers requiring Technology as a subject?

The skills you get in studying Technology at UPT can take you to a career in Website design, video game design, computer programming, graphics, engineering, IT, blog writer or maybe even youtube celebrity.

**What qualifications can I get?**

NCEA credits are offered in the ICT Adv 1-3 class or independently (providing you have negotiated this with a Technology Learning Advisor before the end of Term 2).

**Who can I talk to for more information?**

If you'd like to know more about what's on next year at each level, have specific qualification questions or simply would like to make some course suggestions for next year in Technology, simply contact the appropriate LA from the list below.

Course Name	NCEA offered	Int Cr*	Ext Cr*	Contact
Entrepreneurship	None	0	0	Maggie Dickison
Foundation ICT	None	0	0	Brent Silby
Found Technology	None	0	0	Blair Sheat
Entrepreneur Adv	Level 1	7	0	Maggie Dickison
ICT Adv	ICT Level 2-3	20-24	0	Brent Silby

\*To achieve this number of credits you must attend every block of the course for the year and pass each NCEA activity.

