



**St Bernard's College  
Level 3  
2024  
Programmes  
Booklet**

*We develop Faith, Learning & Culture*

# VOCATIONAL PATHWAYS

The Vocational Pathways provide a framework for students to see how learning and achievement is valued in the workplace by aligning learning to skills needed. They also suggest the types of study options and job opportunities available.

Use the Vocational Pathways to plan your studies.

The Vocational Pathways offer lots of choice across industries

Use the online Profile Builder to explore study options and start building your Vocational Pathways at:

[www.youthguarantee.net.nz/start-your-journey-now/](http://www.youthguarantee.net.nz/start-your-journey-now/)

For Careers advice and tips visit

[www.careers.govt.nz](http://www.careers.govt.nz)

You can also access this information by visiting the school portal

**Log into the school student portal:**

(<http://portal.sbc.school.nz>)

**Select -** Pathways

**Then -** Year Level

**Then Either -** Construction and Infrastructure  
Creative Industries  
Manufacturing and Technology  
Primary Industries  
Service Industries  
Social and Community Services



On each of the six sector tabs are the various Vocational Pathways currently available.

Listed in each of the tabs are links to possible career options this pathways provides

# TABLE OF CONTENTS

<b>VOCATIONAL PATHWAYS .....</b>	<b>1</b>
<b>TABLE OF CONTENTS .....</b>	<b>2</b>
<b>COMPULSORY SUBJECTS.....</b>	<b>4</b>
<b>RELIGIOUS STUDIES .....</b>	<b>4</b>
Religious Studies.....	4
<b>OPTIONAL SUBJECTS .....</b>	<b>4</b>
<b>ARTS.....</b>	<b>4/5</b>
Drama .....	4
Music .....	4
Visual Art - Painting .....	5
<b>CAREERS.....</b>	<b>5</b>
Pathways .....	5
<b>COMMERCE.....</b>	<b>5</b>
Economics .....	5
<b>DIGITAL TECHNOLOGIES .....</b>	<b>6</b>
Digital Technologies.....	6
<b>ENGLISH .....</b>	<b>6</b>
English.....	6
Media Studies .....	6
<b>LANGUAGES .....</b>	<b>7</b>
Japanese .....	7
Samoan .....	7
Te Reo Māori .....	7
<b>MATHEMATICS.....</b>	<b>8</b>
Mathematics .....	8
Mathematics with Calculus.....	8
Mathematics with Statistics.....	8

<b>PHYSICAL EDUCATION .....</b>	<b>9</b>
Physical Education .....	9
 <b>SCIENCE.....</b>	 <b>9</b>
Biology .....	9
Chemistry.....	9
Physics .....	10
Science .....	10
 <b>SOCIAL SCIENCES .....</b>	 <b>10</b>
Geography .....	10
History.....	11
Tourism .....	11.
 <b>TECHNOLOGY .....</b>	 <b>11</b>
Design & Visual Communication.....	11
Technology Construction .....	12
Technology Hard Materials.....	12
Technology Hospitality & Catering .....	12
 <b>COURSE STRUCTURE FOR 2024 .....</b>	 <b>13</b>
 <b>SUBJECT PLANNING SHEET .....</b>	 <b>14</b>
 <b>NATIONAL QUALIFICATIONS.....</b>	 <b>16</b>

# COMPULSORY SUBJECTS

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## RELIGIOUS STUDIES

### Religious Studies (13RST)

Year 13/Level 3

DRS: Mr Boon

#### Pre-requisite

12 credits in Level 2 Religious Studies.

#### Course description

This course topics are on: Sects and Cults, Contemporary Ethical Issues, Finding Meaning. This course consolidates the students knowledge of their Christian responsibilities and commitments.

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## OPTIONAL SUBJECTS

### ARTS

#### Drama (13DRA)

Year 13/Level 3

HoD: TBC

TiC:Mr Palamo

#### Pre-requisite

Achieved or better in AS91512 (3.1) and AS91513 (3.2) or with TiC exemption.

#### Course description

In Level 3 Drama you will explore ideas using a range of contexts. You must show willingness to research and develop your ideas thoroughly. You will perform in a variety of plays, both scripted and your own created works. Students in this course will be expected to show self-management and a willingness to attend out-of-class rehearsals. You will see two live performances and critique them. Classes will include in-class workshops, involvement in lessons and practical assessment of your own performances.

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#### Music (13MUS)

Year 13/Level 3

HoD: TBC

#### Pre-requisite

It is expected that students will have had instrumental tuition for 4 years prior to starting this course.

#### Course description

Students in this course present solo and group performances, compose music and also prepare for the essential aural external.

This amounts to 20 credits. Additional and optional standards include those of sound technology, score reading and music study.

**HoD:** TBC**TiC:** Miss Jennings

**Note:** Students require an art stationery pack which may be purchased from the college if required, \$60.00 est.

**Pre-requisite**

12 credits Level 2 NCEA Art.

**Course description**

The second year of specialisation in Visual Arts painting. The course continues to allow deeper personal development in painting and art media related to painting. The students still work within specific established practice of renowned artists in painting and illustration. In addition to the larger external portfolio, scholarship is an option for experienced year 13 painting students subject to teacher approval.

Leads to

UE entrance credits and a portfolio application for Diploma and Bachelor level study in Visual Arts, Design or Creative Media Production

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**CAREERS****Pathways (13PTH)****Year 13/Level 3****HoD:** Mrs Bull

This course is designed to prepare them for life beyond St Bernard's. Throughout the course, students develop a range of skills that will support them to join the workforce or move on to further education. Students will have the opportunities to participate in industry visits, engage with employers, attend short courses and participate in a work experience placement through our Gateway programme.

For those students wanting to complete a work experience placement, an application and interview process is required. Students must maintain an 80% attendance rate and have good engagement grades to be considered.

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**COMMERCE****Economics (13ECO)****Year 13/Level 3****HoD:** Mr Houdsen**Pre-requisite**

8 credits at Level 2 Commerce – must have achieved in AS 91222 and AS 91224.

**Course description**

Students will emerge with economic literacy and understanding which allows them to develop a continuing interest in Economics as a global citizen. The economics course balances important economic concepts and models with real life situations. Students learn the importance of the margin in making profit, reasons for market failure and measures that can be used to remedy these failures, recognise measures to reduce inequality and improve equity and examine the internal and external forces influencing the New Zealand Economy.

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# DIGITAL TECHNOLOGIES

## Digital Technologies (13DTC)

Year 13/Level 3

HoD: Mr Housden

### Pre-requisite

Successful completion of over half the standards offered in the Level 2 course.

### Course description

This course is designed for those students who intend to pursue a career in a computer-related field or for students who require software development skills.

This course covers complex programming and web design/development.

For students who have not met the pre-requisite an alternative study programme is available.

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# ENGLISH

## English (13ENG)

Year 13/Level 3

HoD: Ms Edie

### Pre-requisite

12 credits Level 2 English – including at least four credits gained through external assessment.

### Course description

The course focuses on the study of literature and criticism, literary connections and film. Students also produce a portfolio of their own writing. This course is primarily assessed through writing.

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## Media Studies (13MED)

Year 13/Level 3

HoD: Ms Edie

### Pre-requisite

12 credits Level 2 English – including at least four credits gained through external assessment.

### Course description

This is an academic course. Students need to be actively interested in the construction of culture through media influences such as film, music videos and social media. The course encourages critical thinking and students will develop reading, writing and research skills. There is a significant practical component which involves designing and making a film.

## LANGUAGES

### Japanese (13JPN)

Year 13/Level 3

**HoD:** Mrs Corcoran

**Pre-requisite**

10 credits Year 12 Japanese and excellent independent study skills.

**Course description**

This course builds on Year 12 Japanese – using Japanese in more formal situations.

This course is dependent on student numbers and may run through Te Kura (Correspondence School).

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### Samoan (13SMA)

Year 13/Level 3

**HoD:** Mrs Corcoran

**TiC:** Mrs Uili

**Note:** \$10.00 optional trips/visits

**Pre-requisite**

10 credits at Level 2 Samoan, or at the discretion of the TiC.

**Course description**

This course builds on Level 2 Samoan. The units are contextually based on covering a variety of topics in a more formal situations.

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### Te Reo Māori (13MAO)

Year 13/Level 3

**HoD:** Mrs Corcoran

**TiC:** Whaea Onekawa-Watson

**Pre-requisite**

12 credits in NCEA Level 2 Te Reo Māori or at the discretion of the HoD Languages or TiC

**Course description**

This course focuses on communicating about certainty and uncertainty, developing an argument, and recounting a series of events to inform, persuade, or entertain. It is also about responding to selected and adapted Māori language texts in Te Reo Māori and tikanga Māori.

This course is dependent on student numbers and may run through Te Kura (Correspondence School). Students will require a laptop and the ability to work independently.

## Mathematics (13MAT)

Year 13/Level 3

HoD: Mr Shaw

### Pre-requisite

10 credits Level 2 Mathematics.

### Course description

This course is designed for students who wish to study Mathematics at Level Three, but do not wish to specialise in Calculus or Statistics. It offers a broad range of Level 3 Mathematics and Statistics standards, and is a UE accredited course.

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## Mathematics with Calculus (13MTC)

Year 13/Level 3

HoD: Mr Shaw

### Pre-requisite

16 credits Level 2 Mathematics Achievement Standards including 2.6 and 2.7 (at least one of these with merit).

### Course description

This course is designed for mathematically able students who wish to pursue tertiary studies at University or Polytechnics in Engineering, Commerce, Architecture, Science, Computing and Design. This course emphasis Algebraic Methods, Trigonometry and Calculus.

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## Mathematics with Statistics (13MTS)

Year 13/Level 3

HoD: Mr Shaw

### Pre-requisite

14 credits Level Two Mathematics Achievement Standards including 2.9 and 2.12.

### Course description

This course is designed for mathematically able students who wish to pursue tertiary studies at University or Polytechnic in Engineering, Commerce, Architecture, Science, Computing and Design. The course emphasises Statistical techniques and processes.

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# PHYSICAL EDUCATION

## Physical Education (13PED)

Year 13/Level 3

HoD: Mr Hewson

**Note:** \$400.00 optional extra-curricular trip.  
Must supply and wear active clothing.

### Pre-requisite

12+ Credits at NCEA Level 2 Physical Education, Completion of Year 12 Physical Education course, or at discretion of HoD.

### Course description

This course extends from the Level 2 Physical Education Course. It covers Skill Analysis, Training Programmes, Biomechanics, Anatomy, Skill Learning, Coaching, Sociocultural Influence of Sporting Events and Risk Management in the Outdoors. All of the topics covered have both theory and practical elements. **Level 3 Physical Education is predominantly theory based with practical elements.**

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# SCIENCE

## Biology (13BIO)

Year 13/Level 3

HoD: Mr Andic

### Pre-requisite

12 credits in Level 2 Biology with a minimum of 8 credits from external standards, or at discretion of HoD Science, OR 12 credits in other Level 2 Science subjects with a minimum of 4 credits from external standards, or at discretion of HoD Science

### Course description

This course continues to build on the learning of the living world done in Level 2 Biology, however it is designed to allow entry to academic students who demonstrated confidence in other Level 2 Science subjects (Chemistry, Physics and Earth and Space Science) without having done Level 2 Biology. The internal standards will challenge students to manage their time and demonstrate research and essay writing skills. The external standards will require organized note taking and revision. Level 3 Biology is a University Entrance course and as such is best suited to students who are serious about an academic pathway into Tertiary Education. Topics covered are animal behavior and plant responses, human body function (homeostasis), genetic manipulation and human evolution.

Note that students looking towards a University Pathway in Biology are strongly encouraged to pair this course with Level 3 Chemistry.

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## Chemistry (13CHE)

Year 13/Level 3

HoD:Mr Andic

### Pre-requisite

13 credits at Level 2 Chemistry (2 external and 1 internal) and gained achievement in Mathematics 2.1 (Algebra) or at the discretion of the HoD Science.

### Course description

Year 13 Chemistry is closely aligned to Year 12 Chemistry with the topics being covered in greater depth. Topics covered are: Organic Chemistry, Atomic Structure, Oxidation/Reduction, Inorganic Chemistry, Energy Changes and Spectroscopy.

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**HoD:** Mr Andic**TiC:** Mr Housden**Pre-requisite**

17 Level 2 credits in Physics **and** gained achievement in Mathematics AS 2.1 (Algebra).

**Course description**

Year 13 Physics involves students investigating physical phenomena and developing concepts, principles, and models in order to explain those phenomena. Topics covered include: Rotation, Kinematics, AC Electricity, Electric Fields, DC Electricity, Electromagnetism, Atomic and Nuclear Physics, Waves.

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**Earth and Space Science (13SCI)****Year 13/Level 3**

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**HoD:** Mr Andic**Pre-requisite**

12 credits in Level 2 Science subjects with a minimum of 4 credits from external standards, or at discretion of HoD Science.

**Course description**

This course continues to build on the learning of Earth and Space done in Level 2 Earth and Space Science, however it is designed to allow entry to students who have demonstrated confidence in Level 2 external science standards (Biology, Chemistry, Physics) and are serious about a university pathway. The internal standards will challenge students to manage their time and demonstrate research and essay writing skills. The external standard will require organized note taking and revision. Level 3 Earth and Space Science is a much more challenging course than Level 2 Earth and Space Science. As such it is only appropriate for students who are serious about an academic pathway into tertiary education. Topics covered are alien life in extraterrestrial environments, practical investigations on meteorite impacts, weather and the atmosphere system, and climate change.

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**SOCIAL SCIENCES****Geography (13GEO)****Year 13/Level 3**

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**HoD:** Mr Hudson**Pre-requisite**

8 Credits Level Two Geography including one external or at the HoD's discretion.

**Course description**

Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills and understandings of the physical and social sciences. The Year 13 Geography course involves an in-depth study into global and local geographic issues. The course will focus on a field trip to the Kaikoura region to study the impact of the November 2016 earthquakes on the region which will link in with a research project/internal. The course provides an excellent skills platform for future tertiary courses. Like the Level One and Two courses, Year 13 Geography will focus heavily on physical characteristics.

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**HoD:** Mr Hudson**Pre-requisite**

8 credits Level 2 History including at least one external or at the HoD's discretion.

**Course description**

History at Year 13 will prepare students for the demands of university. Students will learn the key skills to interpret and analyse historical information. The Year 13 course will focus on 'New Zealand History', starting with the 'New Zealand Land Wars' and the historical causes and consequences of the wars. In 2019, a Land Wars Field Trip will be organised for students to learn about place-based learning and stories from the Land Wars. The course will focus on 'Major New Zealand Political Decisions' and the 'Chernobyl Disaster'. The last unit of the year will focus on the 'JFK Assassination'. By the end of the course, students will be able to analyse historical causes and consequences and use their perspectives to develop their own historical understanding.

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**Tourism (13TOR)****Year 13/Level 3**

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**HoD:** Mr Hudson**Pre-requisite**

NCEA Level 2

**Course description**

This course replaces Social Studies. Tourism is internally assessed. This course continues the focus on teaching students the destination knowledge and tourism industry skills required to work in Travel and Tourism. As part of this course, students will have the opportunity to attend off site courses and listen to guest speakers from the tourism industry and tourism training institutions. The course leads on to acceptance into selected Tertiary Tourism Industry Training courses.

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**TECHNOLOGY****Design & Visual Communication (13DVC)****Year 13/Level 3**

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**HoD:** Mr Cassidy**TiC:** Ms Hatton

**Note:** Students require a graphics stationery pack which may be purchased from the College if required, \$40.00 est.

**Pre-requisite**

Achieved 14 credits Level 2 Design & Visual Communication.

Six credits MUST be from either AS91341 (2.34) or AS91342 (2.35).

**Course description**

The emphasis is on the communication and presentation of design ideas through the application of the Graphic principles and techniques. The course is directed towards specialised study in the major fields of Spatial and Product Design. Students need to demonstrate in Year 12 Design and Visual Communication the ability to work and study independently. Students will focus on three main fields of interest from Spatial, Product Design and Graphic Design.

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**Technology Construction (13TCC)****Year 13/Level 3**

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**HoD:** Mr Cassidy**Pre-requisite**

12 credits Level 2.

**Course description**

This is a Gateway course designed to support student's transition into the trades industry and have opportunities to secure apprenticeships. Students will complete health and safety unit standards and practical building and carpentry Level 3 BCITO unit standards. Their work will be presented as a portfolio for assessment. Students will have the opportunity to participate in work experience throughout the year, meet with industry training organisations and potential employers.

An application and interview process is required and students must maintain an 80% attendance rate to be considered for work experience.

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**Technology Hard Materials (13TCM)****Year 13/Level 3**

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**HoD:** Mr Cassidy**Pre-requisite**

Students will have gained 12 credits from Technology at Level 2.

**Course description**

This course will offer generic technology Achievement Standards that will focus on design and working with Hard Materials. Details available from HoD. This leads to Tertiary courses that might include Weltec/Uni Design/Engineering.

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**Technology Hospitality & Catering (13HSP)****Year 13/Level 3**

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**HoD:** Mr Cassidy**TiC:**Ms Gibb**Pre-requisite**

Must have Level 2 – 'US167' – Practise food safety measures in a food business under supervision.

**Course description**

This is a course for students who are interested in the hospitality industry and who wish to pursue further training and employment in this field. This is a theory based course with an optional practical component. Students will also be expected to cater for school events, be required to engage in class work independently and be dedicated to succeed.

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# COURSE STRUCTURE FOR 2024

YEAR 11	YEAR 12	YEAR 13
<b>RELIGIOUS STUDIES</b>	<b>RELIGIOUS STUDIES</b> ↳ Health	<b>RELIGIOUS STUDIES</b>
<b>ARTS</b> ↳ Drama ↳ Music ↳ Visual Art	↳ Drama ↳ Music ↳ Visual Art	↳ Drama ↳ Music ↳ Visual Art
<b>CAREERS</b>	↳ Gateway ↳ Pathways	↳ Gateway
<b>COMMERCE</b> ↳ Commerce	↳ Commerce	↳ Economics
<b>DIGITAL TECHNOLOGY</b> ↳ Digital Technologies	↳ Digital Technologies	↳ Digital Technologies
<b>ENGLISH</b> ↳ English ↳ Literacy (Functional Literacy)	↳ English ↳ Communication Skills ↳ Media Studies	↳ English ↳ Media Studies
<b>LANGUAGES</b> ↳ English for speakers of another Language ↳ Japanese ↳ Samoan ↳ Te Reo Māori	↳ Japanese ↳ Samoan ↳ Te Reo Māori	↳ Japanese ↳ Samoan ↳ Te Reo Māori
<b>LEARNING SUPPORT</b> ↳ Foundation Skills		
<b>MATHEMATICS</b> ↳ Mathematics ↳ Numeracy	↳ Mathematics ↳ Practical Mathematics ↳ Mathematics with Statistics	↳ Mathematics ↳ Mathematics with Calculus ↳ Mathematics with Statistics
<b>PHYSICAL EDUCATION</b> ↳ Physical Education	↳ Physical Education ↳ Sport Studies	↳ Physical Education
<b>SCIENCE</b> ↳ Science	↳ Biology ↳ Chemistry ↳ Physics ↳ Science	↳ Biology ↳ Chemistry ↳ Physics ↳ Science
<b>SOCIAL SCIENCES</b> ↳ Geography ↳ History	↳ Geography ↳ History ↳ Tourism	↳ Geography ↳ History ↳ Tourism
<b>TECHNOLOGY</b> ↳ Construction ↳ Design & Visual Communication ↳ Hard Materials ↳ Hospitality & Catering	↳ Construction ↳ Design & Visual Communication ↳ Hard Materials ↳ Hospitality & Catering	↳ Construction ↳ Design & Visual Communication ↳ Hard Materials ↳ Hospitality & Catering

# SUBJECT PLANNING SHEET

Use the space below to plan the subjects you wish to take in Years 11 to 13.  
Be mindful of the following

- subject prerequisites
- your future aspirations - the courses / tertiary institutions you wish to attend when you leave St Bernard's College.

You should refer to information provided in this book, such as Qualifications Pathways and Choosing a Course of Study, information in National Qualifications such as National Certificates, as well as relevant career information available from your subject teacher, Or Mrs Bull.

Year 11	RE	ENGLISH	MATHS	SCIENCE		
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Year 12	RE					
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Year 13	RE					
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Tertiary						
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*Where I need to go to obtain more information.*

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②	
③	
④	
⑤	

Careers listed with subjects are just a sample, for more ideas go to  
[www.youthguarantee.net.nz/vocational-pathways](http://www.youthguarantee.net.nz/vocational-pathways)

**NB:** Charges for all subjects are estimates and will be confirmed in December

# NATIONAL QUALIFICATIONS

- **To be awarded NCEA Level 1**, students must achieve 60 credits at level 1 or above. Students must also achieve 10 numeracy credits and 10 literacy credits alongside this to achieve the literacy and numeracy co-requisite.
- **To be awarded NCEA Level 2**, student must achieve 80 credits, 60 of which must be at level 2 or above. The other 20 credits can be from any level on the NZQF. The NCEA Level 1 literacy and numeracy requirement must be met to gain NCEA Level 2.
- **To be awarded NCEA Level 3**, student must achieve 80 credits, 60 of which must be at level 3 or above. The other 20 credits can be at level 2 or above on the NZQF. The NCEA Level 1 literacy and numeracy requirement must be met to gain NCEA Level 3.

**Certificate and Course Endorsement** - to qualify for a certificate endorsement with Excellence for NCEA, students require 50 credits at Excellence level. An endorsement with Merit requires 50 credits at Merit (or Merit and Excellence). Course endorsement at Merit and Excellence level is also possible. To qualify for either of these, a student must gain 14 credits or more at the level of the endorsement. This must include a minimum of 3 internally assessed credits and 3 externally assessed credits. However, Physical Education, Religious Studies and Level 3 Visual Arts course endorsements can be gained without external standards.

## **Entrance to New Zealand Universities Requirements:**

- **NCEA Level 3**
- **Three approved subjects** - minimum 14 credits in each
- **Literacy** - 5 reading and 5 writing credits Level 2
- **Numeracy** - 10 credits Level 1