



St Bernard's College

**Level 3
2019
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/

For Careers advice and tips visit

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

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COMPULSORY SUBJECTS

RELIGIOUS STUDIES

Religious Studies (13RST)

Year 13/Level 3

DRS: Mr Boon

Asst DRS: Mrs O'Brien

Charge: \$70.00 Retreat
\$5.00 Trip

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.

OPTIONAL SUBJECTS

ARTS

Creative Technology/Hangarau Auahe (13CRT)

Year 13/Level 3

HoD: Ms Horner

TiC: Mr Logan, Mr Palamo

Charge: \$20.00 trips est.

Pre-requisite

Discuss with HoD/TiC.

Course description

A co-constructed course incorporating Design Standards, Media Studies Standards, Performing Arts Technology Standards (Sound, Lighting, Props/Set Design and Construction, Stage Management), Drama Standards, Dance Standards and Music Standards, assessed across a variety of NCEA levels 1-3 following one-one consultation with specialist teachers.

Drama (13DRA)

Year 13/Level 3

HoD: Ms Horner

TiC: Mr Palamo

Charge: \$20.00

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.

Music (13MUS)

Year 13/Level 3

HoD: Ms Horner

Charge: \$100.00 group instrumental or vocal tuition if required at school

Pre-requisite

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

Course description

Students will be encouraged to explore and identify their focus in Music before choosing relevant achievement standards. Options include performance, composition, sound technology, research, arrangement, etc. An aural external is vigorously recommended!!!

Visual Art - Painting (13ART)

Year 13/Level 3

HoD: Ms Horner

TiC: Mr Lafoa'i

Charge: \$75.00 per annum covers basic materials required

Pre-requisite

12 credits Level 2 NCEA Art.

Course description

Students follow a directed individual study – that is – a strong directed programme to enhance the individuals strengths. Level 3 will offer courses in fields of painting and design. A high level of independence is required.

COMMERCE

Accounting (13ACC)

Year 13/Level 3

Acting HoD: Mr Houdsen

Charge: \$50.00 workbooks

Pre-requisite

12 credits Level 2 Accounting.

Course description

Financial accounting for partnerships, companies and manufacturing concerns are covered in-depth, including current legislation. Considerable emphasis is placed on analysis and interpretation of final accounts. Management accounting and systems analysis, including document flowcharting are introduced at this level.

Business Studies (13BUS)

Year 13/Level 3

Acting HoD: Mr Houdsen

Charge: Workbooks: \$26.00
Young Enterprise Scheme \$25.00
Young Enterprise Scheme Exam: \$25.00

Pre-requisite

15 credits Level 2 Business Studies

Course description

Students will develop marketing plans, carryout an innovative and sustainable business activity, and study strategic responses to external factors by a business operating in a global context.

Economics (13ECO)

Year 13/Level 3

Acting HoD: Mr Houdsen
class trips

Charge: \$45.00 workbook,
e-learning access \$10.00

Pre-requisite

8 credits at Level 2 Economics or at the discretion of the HoD.

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.

DIGITAL TECHNOLOGY

Digital Technology (13DTC)

Year 13/Level 3

HoD: Mr Housden

Charge: \$10.00 materials

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 required software development skills.

This course covers complex programming and web design/development.

ENGLISH

English (13ENG)

Year 13/Level 3

HoD: Ms Edie

Charge: nil

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.

Media Studies (13MED)

Year 13/Level 3

HoD: Ms Edie

Charge: nil

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.

LANGUAGES

Japanese (13JAP)

Year 13/Level 3

HoD: Mrs Corcoran

Charge \$15.00 resource book,
\$25.00 online licence

Pre-requisite

10 credits Year 12 Japanese and excellent independent study skills.

Course description

Japanese at Year 13 is based on curriculum levels 7 and 8 and is centred around speaking, listening, reading and writing in formal Japanese. A wide variety of materials will be drawn on from the following sources: textbooks, films, newspapers, magazines, television and radio broadcasts. These materials will focus on functional language which will enable students to communicate in Japanese with native speakers in New Zealand or in Japan. This course is dependent on student numbers and may run through the Correspondence School.

Samoan (13SAM)

Year 13/Level 3

HoD: Mrs Corcoran

TiC: Mrs Uili

Charge: \$10.00 trips/visits,
\$25.00 online licence

Pre-requisite

10 credits at Level 2 Samoan.

Course description

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

Te Reo Māori (13MAO)

Year 13/Level 3

HoD: Dr Williams

Charge: \$40.00 workbook and fieldtrips

Pre-requisite

14 credits in NCEA Level 2 Te Reo Māori or a student from Kura Kaupapa Māori with similar ability.

Course description

Te Reo Māori at Year 13 approximates Levels 7 and 8 of the NZ Curriculum for Te Reo Māori.

Level 3 Te Reo Māori 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.

MATHEMATICS

Mathematics (13MAT)

Year 13/Level 3

HoD: Mr Shaw

Charge: \$34.00 workbook

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.

Mathematics with Calculus (13MTC)

Year 13/Level 3

HoD: Mr Shaw

Charge: \$23.00 workbook

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.

Mathematics with Statistics (13MTS)

Year 13/Level 3

HoD: Mr Shaw

Charge: \$37.00 workbook

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.

PACIFIC STUDIES

Pacific Studies (13PAC)

Year 13/Level 3

HoD: Ms Lomax

Charge: some trips – to be advised

Pre-requisite

Open entry.

Course description

This is a full level 3 course. Everything studied has Pasifika as its focus, but the skills developed include study skills, the arts, history and research. Outside speakers come in and we go out into the community for exhibitions, museum visits and performance. This course will challenge you to take yourself and your culture seriously and to express your ideas clearly and intelligently. Suitable for Pasifika and non-Pasifika students.

Students are expected to leave this course able to ask questions, explain a point of view, have an understanding of the various cultures in the Pacific region and a broad knowledge of Pacific history. Helps complete Level 3.

PHYSICAL EDUCATION

Physical Education (13PED)

Year 13/Level 3

HoD: Mr Piripi

Charge: \$60.00 includes golf, triathlon and aquatics unit
Costs involved in outside activities – Ski Trip (\$350 approx.)
Must supply and wear correct SBC physical education uniform
Workbook supplied

Pre-requisite

Level 2 Physical Education course - 15 out of 21 credits achieved including Biomechanics AS91329 (2.2).

Completion of the Level 2 course.

Course description

This is the final year of 3 years of study in Physical Education. 4 x 60 minute periods per week of Theory and Practical work.

SCIENCE

Biology (13BIO)

Year 13/Level 3

HoD: Mr Higson

Charge: \$33.00 workbook, \$50.00 fieldtrips approx. 3

Pre-requisite

12 credits Level 2 Biology, Science, Chemistry or Physics or at the discretion of the HoD/Biology teacher. You do not need to have studied Level 2 Biology.

Course description

Biology is the study of living organisms and the Year 13 course is designed to foster an interest in biological science, to develop an awareness of the importance of contemporary biological issues and biotechnology, and to extend the students' knowledge and practical skills. Topics covered are: Animal Behaviour and Plant Response, Speciation, Human Evolution, Homeostasis, Genetic Manipulation, Plant Study. There will be three fieldtrips to cover both internal and external standards.

Chemistry (13CHE)

Year 13/Level 3

HoD: Mr Higson

Charge: \$45.00 workbook

Pre-requisite

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

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, Aqueous Chemistry, Atomic Structure, Oxidation/Reduction, Inorganic Chemistry, Energy Changes and Spectroscopy.

Physics (13PHY)

Year 13/Level 3

HoD: Mr Higson

TiC: Mr Housden

Charge: \$7.00 for lab manual

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.

Science (13SCI)

Year 13/Level 3

HoD: Mr Higson

Charge: \$33.00 workbook
\$65.00 fieldtrips approx. (five)

Pre-requisite

12 credits at Level 2 Biology, Chemistry, Physics, Science achievement standards, or at the discretion of the HoD Science or last year's science teacher. You do not have to have studied Level 2 Science.

Course description

This course is a mixture of 4 Earth & Space Science achievement standards and 2 Biology achievement standards. There are 4 internal standards and 2 external standards, all of which are at Level 3 standard and are eligible for university entrance. The course looks at the erosive action of the Hutt River. We also look at the raised beaches of Turakirae Heads on the South Coast. We look at the possibility of the existence of extraterrestrial life in our solar system. The one external standard looks at ocean systems. There are 2 Level 3 Biology standards that follow on genetical and evolutionary thread. Internal Standard is Genetical Manipulation – External standard is on Human Evolution.

SOCIAL SCIENCES

Geography (13GEO)

Year 13/Level 3

Acting HoD: Mr Hudson

Charge: \$400 field trip to Rotorua approx.

Pre-requisite

14 credits in NCEA Level 2 Geography or English or approval of the HoD.

Course description

Geography seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them. Students will study topics in a variety of settings. These will likely include an analysis of a Coastal Environments, Rotorua Tourism and Human Trafficking. There is also the opportunity to study an issue of the students' choice.

History (13HIS)

Year 13/Level 3

Acting HoD: Mr Hudson

Charge: \$35.00 L3 History Study Guide

Pre-requisite

8 credits Level 2 History including at least one external.

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. We will also focus on 'Major New Zealand Political Decisions' from 1890's to the present day. 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. Recommended text books: A Century of Change: New Zealand 1800 - 1900 (\$90)

TECHNOLOGY

Design & Visual Communication (13DVC)

Year 13/Level 3

HoD: Mr Cassidy

TiC: Miss Hatton

Charge: \$15.00 approx.

Students need to have a full set of drawing equipment at the start of the course

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. The course also uses Sketch-Up and Photoshop. Students are also encouraged to do Model making.

Technology Construction (13TCC)

Year 13/Level 3

HoD: Mr Cassidy

Charge: Gateway funded

Pre-requisite

12 credits Level 2.

Course description

This course offers building and carpentry Unit Standards from L3 BCITO Gateway programme.

The Unit Standards are practical units which will be done in class. You will have to present folio type work for assessment. Students will also have the opportunity to be involved with Gateway work days once a week.

Technology Hard Materials (13TCM)

Year 13/Level 3

HoD: Mr Cassidy

Charge: \$50.00

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.

Technology Hospitality & Catering (13HSP)

Year 13/Level 3

HoD: Mr Cassidy

TiC: Ms Gibb

Charge: \$100.00 food
Workbooks are Gateway funded

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 a practical component. Students will also be expected to cater for school events, be required to engage in class work independently to a high level and be dedicated to succeed.

COURSE STRUCTURE FOR 2019

YEAR 11	YEAR 12	YEAR 13
RELIGIOUS STUDIES	RELIGIOUS STUDIES Health	RELIGIOUS STUDIES
ARTS Drama Music Visual Art	Creative Technology Drama Music Visual Art	Creative Technology Drama Music Visual Art
CAREERS	Pacific Studies Pathways	Pacific Studies
COMMERCE Commerce	Accounting Business Studies Economics	Accounting Business Studies Economics
DIGITAL TECHNOLOGY Digital Technology	Digital Technology	Digital Technology
ENGLISH English Literacy English for speakers of another language	English Communication Skills Media Studies	English Media Studies
LANGUAGES Japanese Te Reo Māori Samoan	Japanese Te Reo Māori Samoan	Japanese Te Reo Māori Samoan
LEARNING SUPPORT Foundation Skills		
MATHEMATICS Mathematics Numeracy	Mathematics Applied Mathematics Mathematics with Statistics	Mathematics Mathematics with Calculus Mathematics with Statistics
PHYSICAL EDUCATION Physical Education	Physical Education Sports Studies	Physical Education
SCIENCE Science	Biology Chemistry Physics Science	Biology Chemistry Physics Science
SOCIAL SCIENCES Geography History	Geography History	Geography History
TECHNOLOGY 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 Ms Lomax.

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.youthquarantee.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 80 credits at level 1 or above. Included in this total, at least 10 credits are needed in literacy from specified standards and 10 credits in numeracy from specified standards.
- **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. As from 2013 onwards, 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. As from 2014 onwards, 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 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