

St Peter's College

**Year 13 - NCEA Level 3
Subject Guide**



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NCEA LEVEL 3 COMPULSORY SUBJECT OUTLINE

THEOLOGY & PHILOSOPHY FACULTY

Head of Faculty: Dr Daniel Stollenwerk, dstollenwerk@st-peters.school.nz

Level 3: Theology & Philosophy

CREDITS	COURSE COSTS
24 (Internal)	\$16
ENTRY REQUIREMENTS: 12 Credits from Level 2 NCEA Theology and Philosophy or successful completion of year 12 CIE PreU or 12 CIE SPC or permission from the Head of Faculty or the Deputy Headmaster Curriculum	
COURSE DESCRIPTION	
<p>At Level 3, the Theology and Philosophy department offers 4 achievement standards, each worth 6 credits, each assessed internally.</p> <p>Either the book of Genesis or the Book of Revelation takes centre stage in the first standard comparing the literalist and historical-critical interpretations of such famous stories as creation, the fall and the flood or such symbols as the beast, 666 and the seventh seal. In the second students look at the Catholic Church's understanding of the ethics of Abortion.</p> <p>The third standard explores the founding of the Catholic Church in Aotearoa New Zealand and the effect it has had on society today while the last compares and contrasts Christian and secular worldviews.</p>	

Year 13 NCEA: Waikato / Auckland / RS Scholarship

CREDITS	COURSE COSTS
N/A	\$16
ENTRY REQUIREMENTS: Students must fulfill an SPC requirement of 24 RS Excellence credits in Year 12 to apply. They must also apply to and be accepted by the University of Waikato or the University of Auckland whose minimum requirements for CIE are 170 points; for NCEA are Level 2 Merit Endorsement (50 credits at Merit or above).	
COURSE DESCRIPTION	
<p>St Peter's College has teamed up with the University of Waikato to offer students a first-year university correspondence paper in Moral Philosophy and the University of Auckland to offer students a paper in Critical Thinking.</p> <p>Waikato: Coordinated and led by a teacher from St Peter's College, students begin the two-term University of Waikato course by studying contemporary ethical theories: Utilitarianism, Deontology/Kantian Ethics and Virtue Ethics. They then progress to debates in applied ethics including euthanasia, abortion, animal rights, privacy, the justification of criminal punishment, genetic enhancement, pornography and freedom of expression.</p> <p>Students submit three research essays online, demonstrating both understanding and critical philosophical engagement with one moral theory and two issues in applied ethics. They are also assessed once a week for their willingness and ability to discuss and debate these topics rationally in class.</p> <p>When the University of Waikato course finishes near the end of Term 2, students immediately begin preparation for the Religious Studies Scholarship exam to be taken at the end of the year.</p>	

Auckland: This course is a general education paper, which means it will count towards a degree at Auckland and other New Zealand universities. It is offered via Auckland University's Young Scholars Programme.

This course teaches students how to tell a good idea from a bad one and gives them the ability to objectively analyse and evaluate arguments and ideas based on logic and evidence. It hones students' skills in the analytical, reflective thinking required for effective problem-solving in the workplace and beyond. In addition to logic, it covers areas of psychology and ethics related to a wide range of subjects which benefit from sound critical thinking skills.

Students are assessed throughout the university semester by means of regular online discussions, tests and assignments.

Once the course is complete, students will focus on Religious Studies Scholarship.

ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz

Level 3: English

CREDITS

25 (17 Internal/8 External)

COURSE COSTS

\$15

ENTRY REQUIREMENTS: 14 credits in Level 2 English

COURSE DESCRIPTION

Where Level 2 English sought to give students an understanding of techniques and concepts through analysis, Level 3 demands that the students begin to become critically analytical and appreciative of concepts. Level 3 English is designed to equip students with a range of tools that will prepare them for life at tertiary level. To be successful in this course students need to be self-managing and highly motivated. By the end of this course students will feel confident in their ability to interact and process the information that faces them once they leave school.

END OF COMPULSORY SUBJECTS

NCEA LEVEL 3 OPTIONAL SUBJECT OUTLINES:

STUDENTS MUST CHOOSE FOUR SUBJECTS

ART FACULTY

Head of Faculty: Ms Nichola Barnden, nbarnden@st-peters.school.nz

Level 3: Design

CREDITS

22 (8 Internal / 14 External)

COURSE COSTS

\$80 materials and printing fee

ENTRY REQUIREMENTS: at least 14 Credits in Level 2 Design including the external

COURSE DESCRIPTION

Students investigate a range of traditional and contemporary design approaches initially before selecting their preferred approach for further investigation. Research is used to inform own work that systematically develops, clarifies, extends, and regenerates ideas through a drawing study and a body of original work. Level Three builds on the skills and understanding learnt in Level Two. The emphasis at this level is to create work that shows a depth of understanding and centres around independent learning.

The two internals are project based and the external is a three panel folio submission.

Level 3: Painting

CREDITS

22 (8 Internal / 14 External)

COURSE COSTS

\$70 materials fee and printing fee + Art Painting Kit

ENTRY REQUIREMENTS: at least 14 Credits in Level 2 Design including the external

COURSE DESCRIPTION

Students investigate a range of traditional and contemporary painting approaches initially before selecting their preferred approach for further investigation. Research is used to inform own work that systematically develops, clarifies, extends, and regenerates ideas through a drawing study and a body of original work. Level Three builds on the skills and understanding learnt in Level Two. The emphasis at this level is to create work that shows a depth of understanding and centres around independent learning.

The two internals are project based and the external is a three panel folio submission.

Level 3: Photography

CREDITS

22 (8 Internal / 14 External)

COURSE COSTS

\$80 materials and printing fee + DSLR camera

ENTRY REQUIREMENTS: at least 14 Credits in Level 2 Design including the external

COURSE DESCRIPTION

Students investigate a range of traditional and contemporary photography approaches initially before selecting their preferred approach for further investigation. Research is used to inform own work that systematically develops, clarifies, extends, and regenerates ideas through a drawing study and a body of original work. Level Three builds on the skills and understanding learnt in Level Two. The emphasis at this level is to create work that shows a depth of understanding and centres around independent learning.

The two internals are project based and the external is a three panel folio submission.

COMMERCE FACULTY

Head of Faculty: Mr Steve Rewcastle, srewcastle@st-peters.school.nz

Level 3: Accounting

CREDITS	COURSE COSTS	LEADS INTO
22 (13 Internal / 9 External)	Course Book \$35	Tertiary education as this is a university approved subject.

ENTRY REQUIREMENTS: 10 credits in Level 2 Accounting including one external or approval from the Head of Faculty

COURSE DESCRIPTION

This syllabus challenges boys to develop their financial skills to a higher degree than that has been learned across the Level 2 Accounting course. Level 3 is a natural progression from Level 2 with a development of skills that integrate directly with level one Commerce University courses. Students will manage the financial affairs of individuals, whanau, and small, medium and large entities, including companies to enable internal and external users to make effective and ethical decisions. Pupils will also make use of appropriate communication tools and skills to process, report, and interpret information using various Accounting systems and methods of processing Accounting data. Level 3 Accounting is very practical, and a number of the assessments require students to be financial and managerial advisers in a variety of modern economic and business contexts. The Level 3 Accounting course consists of the following Achievement Standards which are a mixture of written reports and calculations:

Achievement Standard 3.6 (Internal) – Job Cost Subsystems

Demonstrate understanding of a job cost subsystem for an entity

Achievement Standard 3.2 (Internal) – Partnerships

Demonstrate understanding of accounting for partnerships

Achievement Standard 3.4 (Internal) – Report preparing

Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity

Achievement Standard 3.5 (External) – Management Accounting

Demonstrate understanding of management accounting to inform decision making.

Achievement Standard 3.3 (External) – Preparing Financial Information

Demonstrate understanding of company financial statement preparation

Level 3: Business Studies

CREDITS

19 (15 Internal / 4 External)

COURSE COSTS

Nil

ENTRY REQUIREMENTS: 14 credits in Business Studies, Maths or English NCEA Level 2; or at the discretion of the Head of Faculty

COURSE DESCRIPTION

The context of this course is large global businesses. The study of business is about how individuals and groups of people organise, plan, and act to create and develop goods and services to satisfy customers. Business is influenced by and impacts on the cultural, ethical, environmental, political, and economic conditions of the day. Issues such as sustainability, citizenship, enterprise, and globalisation are central to both business and the study of business.

The knowledge and skills gained in business studies, and exposure to enterprise culture, can help shape "creative, energetic, and enterprising" young people who will contribute to New Zealand's economic future. In business studies, students develop their understanding of business theory and practices in a range of relevant contexts, through experiential as well as theoretical approaches to learning. Business studies has natural links to the social sciences learning area. Contexts for business can also be drawn from other learning areas, such as technology. Topics covered include: marketing, management and human resources.

Level 3: Economics

CREDITS

24 (10 Internal / 14 External)

COURSE COSTS

\$35 (Course Book)

ENTRY REQUIREMENTS: 14 Credits in Level 2 Economics, English or Mathematics

COURSE DESCRIPTION

Students will study basic economic concepts and principles, and their application to current issues; the interrelationships between economic, social and political events; resource allocation via the market system and the public sector; aggregate economic activity and policy. Students will develop their learning through discussion and study of economic literature. This is a self-contained course and while completion of Level Two Economics is preferable, it is not essential and students with satisfactory grades in Level 2 English and/or Mathematics may study Level 3 Economics.

ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz

Level 3: English International (ESOL)

CREDITS	COURSE COSTS
<p>20 Level 2 English/English Language or Level 4 EAP credits (approximately).</p> <p>The course of study depends on ability and numbers of students.</p>	<p>Nil but students will need to buy the recommended Grammar Text they will use in all years they study at St Peter's College.</p> <p>Details available from their ESOL teacher and the book is for sale at the stationery shop.</p>
<p>ENTRY REQUIREMENTS: Intermediate English</p>	
<p>COURSE DESCRIPTION</p> <p>Year 13 English International is focused on the transition of English Language Learners to tertiary study. Along with fluency in English they develop confidence in conceptual and critical thinking skills. This course is designed to allow students to study toward the literacy credits necessary for University Entrance. It also prepares them with key skills needed for achieving success at university.</p>	

Level 3: Media Studies

CREDITS	COURSE COSTS
<p>20 (16 Internal / 4 External)</p>	<p>Nil</p>
<p>ENTRY REQUIREMENTS: 14 Credits at Level 2 English and a minimum of an Achieved in the 'Visual Text' External</p>	
<p>COURSE DESCRIPTION</p> <p>This course is for students who are interested in gaining a wider understanding of the technical and social aspects of Media. This includes analytical viewing and deconstruction of texts, as well as creation of a short film. Students will become familiar with the detailed processes of Media and the huge role and impact Media has on wider society. Students will be required to do more than simply observe; they will need to consider how a media text is constructed, the message it is sending and how different critical lenses could be applied to it. The course offers students opportunities to gain a range of Level 3 Internal and External credits.</p>	

HUMANITIES FACULTY

Head of Faculty: Mr Jakub Kalinowski, jkalinowski@st-peters.school.nz

Level 3: Geography

CREDITS

22 (14 Internal / 8 External)

COURSE COSTS

Geography Skills for NCEA Level 3 workbook by Justin Peat

ENTRY REQUIREMENTS: 14 Credits in Level 2 Geography or 14 Credits in Level 2 English

COURSE DESCRIPTION

Geography is the study of the environment as the home of people. It 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 learn to think spatially and use maps, visual images and new technologies to obtain, present and analyse information. The topics covered include:

1. Natural Processes – How natural processes shape an environment (external)
2. Geographic skills (external)
3. Contemporary issue – Human Trafficking (internal)
4. Significant event – RnV or similar (internal)
5. Global Topic – Maritime Piracy (internal)
6. Research – Graffiti (internal)

Level 3: History

CREDITS

25 (15 Internal / 10 External)

COURSE COSTS

Nil

ENTRY REQUIREMENTS: 14 credits in Level 2 History or English

COURSE DESCRIPTION

This course builds upon the foundations of Level 1 and Level 2 History. Both the internal and external assessments are of a similar nature to the Level 2 History course, but require a substantial understanding of historical themes such as 'causes and consequences', 'historical trends and forces', and 'perspectives of contested historical events'. The depth of thinking, writing and organisation of information is of a high standard, designed to equip students for further tertiary study.

A thorough understanding of historical sources, their advantages, limitations and usefulness towards historical study is also undertaken. Key themes and contexts are chosen each year and relate to contested events in history. Various contexts are studied and explored in depth to provide a broad coverage for senior History students.

Topics covered include: the dropping of the atomic bomb on Hiroshima and New Zealand's involvement in World War I and relevant material linked to the given topic of the skills external.

LANGUAGES FACULTY

Head of Faculty: Ms Bingmei Zhang, bzhang@st-peters.school.nz

Level 3: Chinese

CREDITS	COURSE COSTS	LEADS INTO
24 (14 Internal/ 10 External)	\$23 (+GST) Education Perfect Subscription,	University Chinese papers and possible scholarships to Chinese universities

ENTRY REQUIREMENTS: 9 credits in Level 2 Chinese / IGCSE D grade

COURSE DESCRIPTION

Year 13 Chinese is a 1-year bilingual course for both native speaker Chinese students wishing to improve their English skills and Chinese as a foreign language learner and is designed to help students to move with ease between the English and Chinese languages in complex situations. Students learn to communicate sophisticated information and opinions through more complex text types, exploring the views of others and developing and sharing personal perspectives. They are able engage in sustained conversation and write extended texts.

This course is flexible enough to recognize the different levels of English of the students and to allow new-arrival students to enter at various times of the year as they are integrated into mainstream classes. Students have the opportunity to do the 20 credits VUW online course (Star program).

This course is run concurrently with AS Chinese.

The assessments for NCEA Level 3 consist of 3 internal assessments (writing portfolio, a spoken presentation, and a conversation/interaction portfolio) and 2 external assessments (a reading exam and a listening exam)

Level 3: Spanish

CREDITS	COURSE COSTS
18 (8 Internal/ 10 External) with a possible extra 6 credits offered to able students	\$23 (+GST) Education Perfect Subscription

ENTRY REQUIREMENTS: 9 credits in Level 2 Spanish including 1 external standard

COURSE DESCRIPTION

The course is designed to allow students to use Spanish confidently in complex situations. By the end of this course students will be able to initiate and sustain a conversation with a sympathetic native speaker. Students learn to communicate sophisticated information and opinions through more complex text types, exploring the views of others and developing and sharing personal perspectives. They are able to engage in sustained conversation and write extended texts. This course is usually run concurrently with AS/A level Spanish and with level 2 Spanish.

The assessments for NCEA Level 3 consist of a writing portfolio, a presentation, a reading exam and a listening exam. In addition, students can do the speaking interaction portfolio at the Teacher's discretion. (6 further credits) This is necessary for an Excellence endorsement.

Level 3: Te Reo Māori

CREDITS	COURSE COSTS
22 (16 Internal/ 6 External)	\$23 (+GST) Education Perfect Subscription
ENTRY REQUIREMENTS: 12 credits Level 2 Te Reo Māori or an entry test	
COURSE DESCRIPTION	
<p>Year 13 Te Reo Māori is a 1-year course designed to support students to develop their skills to translate, speak, write and comprehend te reo Māori. Topics relate to issues important to Māori such as the history of colonisation, the revitalisation of te reo Māori and kapa haka.</p> <p>This course will open doors to the Māori world and connect you with our land, our people and our national language. An understanding of te reo Māori is sought after in many professions such as business, law, trade, science, tourism, teaching, politics, government agencies, medicine to name a few!</p> <p>Ko tōku reo tōku ohooho – my language is my awakening</p> <p>The assessments for NCEA Level 3 consist of 3 internal assessments (writing portfolio, two short spoken presentations, and two short listening tests) and 1 external assessments (a reading exam).</p> <p>Leads into: Te Reo Māori tertiary language courses and preparation for public speaking for formal occasions.</p>	

MATHEMATICS FACULTY

Head of Faculty: Mr Matt Bindon, mbindon@st-peters.school.nz

Level 3: Mathematics with Calculus

CREDITS	COURSE COSTS
24 (7 Internal / 17 External)	Nil
ENTRY REQUIREMENTS: 16 Credits in Level 2 Mathematics with Calculus and a Merit grade in the Algebra external (91261).	
COURSE DESCRIPTION	
<p>The course includes the following topics: Algebra of Complex numbers, Geometry of conic sections, Trigonometry, Differentiation methods, Integration.</p>	

Level 3: Mathematics with Statistics

CREDITS	COURSE COSTS
19 (15 Internal / 4 External)	Nil
ENTRY REQUIREMENTS: 12 credits in Level 2 Mathematics with Calculus or Level 2 Mathematics with Statistics.	
COURSE DESCRIPTION	
<p>This course includes the following topics: Linear Programming, investigating Bivariate Data, Time Series, Statistical Inference and Probability.</p>	

MUSIC FACULTY

Head of Faculty: Mr Antun Poljanich, apoljanich@st-peters.school.nz

Level 3: Music

CREDITS	COURSE COSTS
24 -34 (20-30 Internal/4 External)	Nil
ENTRY REQUIREMENTS: 14 Credits in Level 2 Music, an ability to read music and perform on an instrument equivalent to Grade 4	
COURSE DESCRIPTION	
This course is designed to allow students to further develop practical and/or theoretical music skills by choosing internals suited to their abilities. Students can choose performance based internals as a solo, ensemble or on a second instrument; composing internals requiring students to compose original pieces or songs, as well as research and theory based papers.	

PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr James McLauchlan, jmclauchlan@st-peters.school.nz

Level 3: Academic Physical Education

CREDITS	COURSE COSTS
19 (19 Internal)	\$150
ENTRY REQUIREMENTS: 14 Credits in Level 2 PE including 2.2 or 2.5	
COURSE DESCRIPTION	
<p>A course that takes prior knowledge and understanding of Exercise Physiology, Biomechanics and Sociological themes to a deeper level of critical thinking. Building on this understanding, students are expected to attack global issues, research and methods to challenge the traditional views. Critical thinking at this level allows students to contend and oppose, creating their own conclusions and responses to issues and ideas in society today.</p> <p>Achievement standard 3.1 - Well- being -Identity Evaluate physical activity experiences to devise strategies for lifelong well-being.</p> <p>Achievement standard 3.5 – Corruption in sport Examine a current physical activity event, trend or issue and its impact on New Zealand Society.</p> <p>Achievement standard 3.4 - Tough guy Sport in an applied setting Demonstrate quality performance of a physical activity in an applied setting</p> <p>Achievement standard 3.3 – Golf Evaluate the effectiveness of a performance improvement programme</p> <p>Achievement standard 3.2 - Biomechanics (Golf) Analyse a physical skill performed by self or others</p>	

SCIENCE FACULTY

Head of Faculty: Mr Kevin Barker, kbarker@st-peters.school.nz

Level 3: Biology

CREDITS

20 (7 Internal / 13 External)

COURSE COSTS

\$35 (Manuals), \$40 for 2x Field trips

ENTRY REQUIREMENTS: 14 credits in Level 2 Biology, this must include an external standard

COURSE DESCRIPTION

Level 3 NCEA Biology is a course which builds on Level 2 NCEA Biology.

This course is based on 2 internal and 3 external Biology Achievement Standards. It is aimed to prepare students for tertiary study in Biology. One field trip involves an ecological survey of a stream and the other involves a trip to the Auckland Zoo to learn about primate evolution. Both of which are essential.

Level 3: Chemistry

CREDITS

21 (6 Internal / 15 External)

COURSE COSTS

\$35 (Manuals)

ENTRY REQUIREMENTS: 14 credits in Level 2 Chemistry

COURSE DESCRIPTION

Level 3 NCEA Chemistry is a course which builds on Level 2 NCEA Chemistry.

This course will be based on internal and external Chemistry Achievement Standards. It is aimed to prepare students for tertiary study in Chemistry.

Level 3: Physics

CREDITS

22 (6 Internal / 16 External)

COURSE COSTS

\$45 for Internal and external SCIPAD

ENTRY REQUIREMENTS: 14 or more credits in Level 2 Physics. This must include passing the two external standards AS91171 Mechanics and AS91172 Electricity and electromagnetism. An external pass is also required from Level 2 Mathematics, AS91261 Algebraic methods and/or AS91262 Calculus methods.

COURSE DESCRIPTION

Level 3 NCEA Physics is a course which builds on Level 2 NCEA Physics. This demanding course has 23 available credits over 5 achievement standards. The internal achievement standards include a 3 credit research based standard and a 3 credit standard on Modern Physics. Three external standards are sat in November. The final external standards assess knowledge on Mechanics, Electromagnetism and Waves.

It is recommended students also take Level 3 Calculus.

TECHNOLOGY FACULTY

Head of Faculty: Mr Jonathan Bay, jbay@st-peters.school.nz

Level 3: Design & Visual Communication (DVC)

CREDITS

22 (18 Internal 4 External)

COURSE COSTS

\$140

ENTRY REQUIREMENTS: 16 Credits in Level 2 DVC, successful completion of AS91341 or AS91342, and AS91337.

COURSE DESCRIPTION

This course provides students with the opportunity to undertake the design process in an individualised way. Students are tasked with creating their own design brief and exploring this through the lens of graphics practice.

Students will utilise the skills and technology they have learnt throughout their time in DVC to complete a product and spatial design project, culminating in an exhibition of their work.

Level 3 will give students the opportunity to further their knowledge of design; apply sketching, rendering, modelling, and computer skills at a higher level. The aim of the course is to provide students a platform to develop a personal design portfolio which can be used for applications for tertiary study. Students require their own personal laptop for this course.

Level 3: Hard Materials (Trades)

CREDITS

24 (Internal)

COURSE COSTS

\$140 (This includes all workbooks and materials for the course)

ENTRY REQUIREMENTS: A minimum of 20 credits achieved for Level 2 Hard Materials

COURSE DESCRIPTION

This BCITO course consists of Building and Construction Unit Standards, including both theoretical knowledge and practical projects. At all times the practical results produced by the students mesh with the course's theory content. The student outcomes are designed in such a way as to give them the full number of specific Carpentry training learning opportunities at level 3.

The Unit Standards covered are:

- Undertake a Stage 3 BCATS project (12Cr)
- Select, use, and maintain tools, equipment, and machinery for a Stage 3 BCATS project (8Cr)
- Communicate and work collaboratively in a Stage 3 BCATS project (4Cr)

NCEA LEVEL 3 COURSE PLANNER FOR:

Name: _____

COMPULSORY SUBJECTS

SUBJECT	INTERNAL CREDITS	EXTERNAL CREDITS	SUBTOTAL
Theology & Philosophy	24	-	24
English	17	8	25
SUBTOTAL A	41	8	49

OPTIONAL SUBJECTS

SUBJECT	INTERNAL CREDITS	EXTERNAL CREDITS	SUBTOTAL
1			
2			
3			
4			
SUBTOTAL B			

TOTAL NUMBER OF CREDITS TAKING (need 80):
Add Subtotal A + Subtotal B above (need to achieve least 80 credits to gain NCEA Level 3):

NOTES:

- Remember **20** credits of this **80** can be brought across from **Level 2**. If you did not do NCEA Level 2 then you will need **80 Level 3 credits to gain Level 3**.
- Remember to gain **University Entrance** you will also need to gain **14 credits in THREE approved subjects**.
- Hard Materials is the only unapproved University subject at SPC.