

ST PAUL'S COLLEGE

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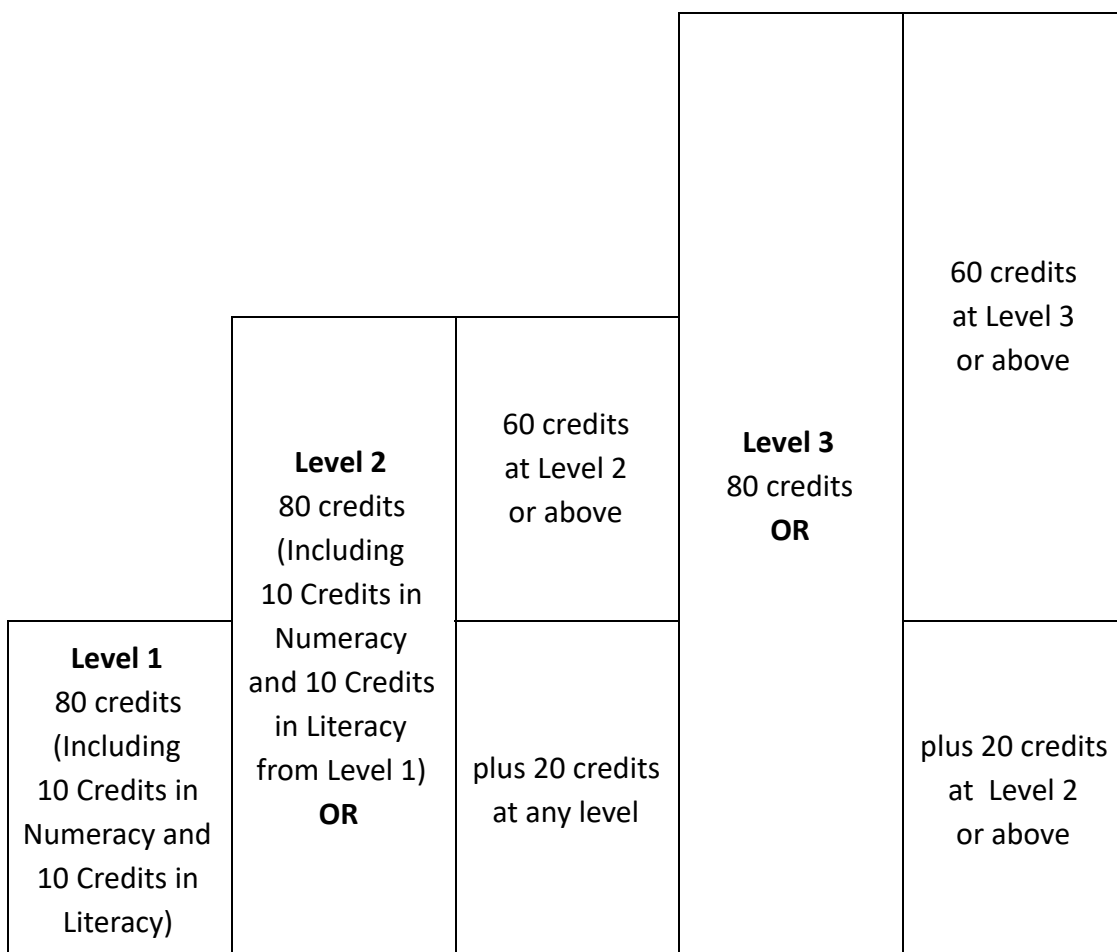
Year 12 NCEA Level 2 Curriculum 2018

This Curriculum Booklet outlines the subjects and standards available in 2018.

The selection of an appropriate course of study is very important and should be made after personal reflection and discussion between students, parents and teachers.

Requirements for NCEA Certificates

Level 1 – 80 credits at any level, including 10 in literacy standards and 10 in numeracy standards. Some of the literacy and numeracy credits are available through option subjects.
Level 2 – 80 credits – a minimum of 60 of them at Level 2 or above and 20 from any other level. Plus Level 1 Literacy and Numeracy.
Level 3 – 80 credits – a minimum of 60 of them at Level 3 and 20 credits from Level 2 or above.



Gaining NCEA with Merit or Excellence Endorsement

If you gain 50 or more credits at Excellence level you will earn an NCEA certificate with Excellence. If you gain 50 or more credits at Merit level (or a mix of Merit and Excellence) you will gain an NCEA certificate with Merit.

Course Endorsement

You can gain course endorsements at Merit or Excellence.

Requirement:

- 14 or more credits at Merit or Excellence in that course in one year (e.g.: 101 Science)
- A minimum of 3 credits from an External Examination
- A minimum of 3 credits from an Internal Assessment

Scholarship

Students who achieved a significant number of Excellence results in any Level 2 subject should consider entering scholarship in that subject. Scholarship is a monetary award to recognise top Students. It will not attract credits nor contribute towards a qualification but the fact a Student has gained a scholarship will appear on their Record of Achievement.

University Entrance

To qualify for entrance to a New Zealand University and some other tertiary courses providers using NCEA, you will need at least:

- Level 3 or higher – 60 credits, including a minimum of 14 credits in each of three subjects from the “approved subjects” list on the National Qualifications Framework
- AND**
- Level 2 or higher – 10 credits in English. 5 credits must be in Reading and 5 in Writing. These are selected from a list of approved standards. Please note to go to the University of Auckland you must achieve 17 Level 2 or higher English credits.
- AND**
- Level 1 or higher – 10 credits in Mathematics

Rank Scores for University Studies

To be admitted to the University of Auckland you must gain the University Entrance standard and be selected into a programme. The selection process is based on the quality of your results. You will be allocated a rank score based on your best 80 credits at Level 3 or higher over a maximum of **five** approved subjects, weighted by the level of achievement attained in each set of credits. If you achieve fewer than 80 credits, the rank score will be based on those credits you have gained at Level 3 over a maximum of five approved subjects and weighted by the level of achievement.

The rank score will be calculated by awarding four points for Excellence, three for Merit and two for Achieved for up to 24 credits in each approved subject taken at Level 3 in the last two years. The maximum rank score is 320. Students will generally need a rank score of 140 -240 to get into their chosen degree. Please see the Careers Department to get exact entry scores required for particular degree programmes.

St Paul's College Academic Programmes

Year 11

All Year 11 Students take Religious Education, Mathematics, English, and Science. Students may chose two options at year 11.

Year 12

All Year 12 Students take Religious Education, Mathematics, and English. Students may chose three options at year 12.

Year 13

All Year 12 Students take Religious Education, and English. Students may chose four options at year 13.

St Paul's College Curriculum Flow 2018

Year 7 & 8	Year 9	Year 10	Year 11	Year 12	Year 13
Religious Education	Religious Education	Religious Education	Religious Education	Religious Education	Religious Education
Reading	English	English	English Academic	English Academic	English Academic
Writing			English Foundation	English Foundation 2 Year Programme	
			Media	Media	Media
Mathematics	Mathematics	Mathematics	Mathematics Academic	Mathematics Academic	Mathematics Academic
			Mathematics Foundation	Mathematics Foundation	Mathematics Foundation
Science	Science	Science	Science	Science	Physics
			Health Science	Health Science	
Art	Art	Art	Art	Art	Art
	Business Studies	Business Studies	Economics	Economics	Economics
Health	Health	Health			
Music	Music	Music	Music	Music	Music
Physical Education	Physical Education	Physical Education	Sports Science	Sports Science	Sports Science
Project Technology	Building Technology	Building Technology	Technology	Technology	Technology
	DVC	DVC	DVC	DVC	DVC
				Service Academy	Service Academy
Social Studies	Social Studies	Social Studies	Geography	Geography	Geography
Te Reo	Te Reo	Te Reo	Te Reo	Te Reo	Te Reo
				Future Pathways	Future Pathway

Compulsory Subjects Level 2

Year 12 Religious Education

This course is a continuation of the *Understanding Faith* syllabus and builds on the topics covered at Year 9 and Year 10. Students will be working towards gaining 18 Credits (3 x 6 credits) for the National Certificate of Educational Achievement.

Students will learn about other religions and the imperative for Christians to act when faced by injustice. They will also learn about the Catholic response towards loss, grief and death.

The course is designed for students who intend to leave school this year as well as providing learning for students who continue into Level 3.

Personal reflection and group discussion are an integral part of the course.

Possible Course Endorsement:	Yes
Entry Requirements:	No
Course Code:	12RED

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
90822	2	6	L1 Lit	Religious Studies 2.3 – Explain how a contemporary social action derives from the ethical principles of a religious tradition	Term 1 Week 10
90823	2	6	L1 Lit	Religious Studies 2.4 – Explain the key beliefs within two religious traditions to a significant religious question	Term 2 Week 8
91724	2	6	L1 Lit	Religious Studies 2.1- Explain a significant theme in a sacred text within a religious tradition	Week 8 Term 3

Year 12 English & Year 12 English Foundation

This course is for students who have completed the English Level 1 Achievement Standards Course and have attained the following entry requirements; Achieved 1 External English standard at level 1 or at HOD discretion.

Possible Course Endorsement:	Yes
Entry Requirements:	Achieved 1 External English standard at level 1 or at HOD discretion.
Course Code:	12ENG or 12ENF

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91101	2	6	L1 Lit W Lit	English 2.4 – Produce a selection of crafted and controlled writing	Term 3 Week 5
91102	2	3	L1 Lit	English 2.5 – Construct and deliver a crafted and controlled oral text	Term 1 Week 9
91105	2	4	L1 Lit R Lit	English 2.8 – Use information literacy skills to form developed conclusion(s)	Term 1 Week 10
91106	2	4	L1 Lit R Lit	English 2.9 – Form developed personal responses to independently read texts, supported by evidence	Term 3 Week 3
91098	3	4	L1 Lit B Lit	English 2.1 – Analyse specified aspect(s) of studied written text(s), supported by evidence	Term 2 Week 10

Foundation

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91106	2	4	L1 Lit R Lit	English 2.9 – Form developed personal responses to independently read texts, supported by evidence	Term 4 Week 10
91107	2	3	L1 Lit	English 2.10 – Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	Term 1 Week 9
91102	2	3	L1 Lit	English 2.5 – Construct and deliver a crafted and controlled oral text	Term 1 Week 10
91105	2	4	L1 Lit R Lit	English 2.8 – Use information literacy skills to form developed conclusion(s)	Term 4 Week 1
91099	2	4	L1 Lit W Lit	English 2.2 – Analyse specified aspects(s) of studied visual or oral text(s), supported by evidence	External

Year 12 Mathematics

This is a highly academic course that develops the skills of Mathematics that are required to enable a Student to succeed at both NCEA Level 3 Calculus and Statistics courses.

Possible course endorsement: 12MAT Yes 12MAF No

Entry Requirements: HOD will place students.

Course Code: 12MAT or 12MAF

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91256	2	2	Num	Mathematics and Statistics 2.1 – Apply co-ordinate geometry methods in solving problems	Term 1 Week 5
91257	2	4	Num	Mathematics and Statistics 2.2 – Apply graphical methods in solving problems	Term 1 Week 10
91258	2	2	Num	Mathematics and Statistics 2.3 – Apply sequences and series in solving problems	Term 3 Week 3
91259	2	3	Num,	Mathematics and Statistics 2.4 – Apply trigonometric relationships in solving problems	Term 2 Week 10
91264	2	4	Num, L1 Lit	Mathematics and Statistics 2.9 – Use statistical methods to make an inference	Term 2 Week 5
91262	2	5	Num	Mathematics and Statistics 2.7 Apply calculus methods in solving problems	Term 3 Week 4

Foundation

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91256	2	2	Num	Mathematics and Statistics 2.1 – Apply co-ordinate geometry methods in solving problems	Term 1 Week 7
91258	2	2	Num	Mathematics and Statistics 2.3 – Apply sequences and series in solving problems	Term 2 Week 8
91259	2	3	Num	Mathematics and Statistics 2.4 – Apply trigonometric relationships in solving problems	Term 2 Week 3
91264	2	4	Num, L1 Lit	Mathematics and Statistics 2.9 Use statistical methods to make an inference	Term 3 Week 9
91257	2	4	Num	Mathematics and Statistics 2.2 – Apply graphical methods in solving problems	Term 3 Week 4
91269	2	2	Num	Mathematics and Statistics 2.14 – Apply systems of equations in solving problems	Term 4 Week 3
91267	2	4	Num	Mathematics and Statistics 2.12 – Apply probability methods in solving problems	External Exam

Year 12 Science

This course covers all three of the major Sciences: Biology, Chemistry and Physics. There are 4 internal standards that have a total credit value of 15 credits. There is one 6 credit external standard which will be assessed in the end of the year NCEA Level 2 External Exams. Overall there are 21 credits at Level 2, offered in this course.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 12SCI

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91161	2	4	Num	Chemistry 2.1 – Carry out quantitative analysis	Term 1 Week 8
91153	2	4	L1 Lit	Biology 2.1 – Carry out a practical investigation in a biology context, with supervision	Term 2 Week 4
91168	2	4	Num L1 Lit	Physics 2.1 – Carry out a practical physics investigation that leads to a non-linear mathematical relationship	Term 2 Week 9
91172	2	3	L1 Lit	Physics 2.5 – Develop understanding of atomic and nuclear physics	Term 3 Week 3
91171	2	6	Num L1 Lit	Physics 2.4 – Demonstrate understanding of mechanics	External

Year 12 Health Science

This invitation only course covers the two major Sciences required for Health Sciences: Biology and Chemistry. There are 3 internal standards that have a total credit value of 9 credits. There are two 4 credit external standards which will be assessed in the end of the year NCEA Level 2 External Exams. Overall there are 17 credits at Level 2, offered in this course.

Possible course endorsement: Yes
Entry Requirements: Admission by HOD invitation only
Course Code: 12HLS

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91163	2	3		Chemistry 2.3 - Demonstrate understanding of the chemistry used in the development of a current technology	Term 1 Week 6
91155	2	3		Biology 2.3 - Demonstrate understanding of adaptation of plants or animals to their way of life	Term 2 Week 3
91154	2	3		Biology 2.2 - Analyse the biological validity of information presented to the public	Term 2 Week 10
91156	2	4		Biology 2.4 - Demonstrate understanding of life processes at the cellular level	External Exam
91166	2	4		Chemistry 2.6 - Demonstrate understanding of chemical reactivity	External Exam

Year 12 Art

In an ever increasing visual and media saturated world. 201 ART sees students develop an understanding of both traditional and digital image making. A fully practical course, students can select from **Printmaking, Painting, or Photography**.

In **Printmaking** students develop skills in image making in a variety of woodcarving techniques and processors. With a focus on Traditional and contemporary Pacifica pattern and culture.

In **Painting** students explore landscape drawing and painting which leads into abstraction, new perspectives and ways of seeing. Students will investigate a range of contemporary artist models and develop advanced paint handling skills and techniques.

In **Photography** students develop an understanding of digital image making and photographic concepts. Students will develop practical technical skills in film, digital, lighting and the image-editing software 'Photoshop'. In all three mediums the students will produce a 2-panel external portfolio worth 12 credits.. Imagination and creativity are encouraged.

Possible Course endorsement: YES
Entry Requirements: No
Course Code: 12ART

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91311 91312 91313	2	6		Visual Arts 2.2 – Use drawing methods to apply knowledge of conventions appropriate to painting, Printmaking or photography.	Term 2 Week 9
91316 91317 91318	2	4		Visual Arts 2.3 – Develop ideas in a related series of drawings appropriate to established painting, printmaking, photography practice	Term 2 Week 9
91321 91322 91323	2	12		Visual Arts 2.4 – Produce a systematic body of work that shows understanding or art making conventions and ideas within painting, printmaking, photography	Term 4 Week 1

Year 12 Economics

Economics examines the choices people make about the use of limited resources to satisfy unlimited wants.

“A simple decision to buy a milkshake in an economist’s eye is seen as players in an intricate game of signals and negotiations. The game is for high stakes; some of the people who worked to get the milkshake in front of you make a lot of money, some of them made very little and some of them are after the money in your pocket right now. Some of the producers involved used sustainable production techniques and others used the cheapest methods they could, some sell their products on global markets and others deliver it to your local dairy.”

Possible course endorsement: Yes
Entry Requirements: HOD will place students
Course Code: 12ECO

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91225	2	4	L1 Lit	Economics 2.4 Analyse unemployment using economic concepts and models	Term 1 Week 8
91227	2	6	L1 Lit R Lit	Economics 2.6 Analyse how government policies and contemporary economic issues interact	Term 2 Week 8
91226	2	3	L1 Lit Num	Economics 2.5 – Analyse statistical data relating to two contemporary economic issues	Term 3 Week 3
91222	2	4	L1 Lit W Lit	Economics 2.1 – Analyse inflation using economic concepts and models	External Exam

Year 12 Geography

Geography is concerned with the world as home to people. It looks especially at how the physical world interacts with the cultural world and the effects people can have on the physical world. Topics focus on the local area (e.g. Ponsonby), regions (e.g. the Taupo region) and larger global spaces (e.g. New Zealand, SW Pacific, America). This course has a field trip away to Tongariro National Park where students will learn about this pristine Natural Environment. We will walk the Tongariro Crossing one of New Zealand's great walks. This trip will help students gain knowledge relating to their external exam.

Possible course endorsement:	Yes
Entry Requirements:	No
Course Code:	12GEO

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91241	2	3	L1 Lit	Geography 2.2 – Demonstrate geographic understanding of an urban pattern	Term 2 Week 9
91244	2	4	Num, Lit, L1	Geography 2.5 – Conduct geographic research, with guidance	Term 3 Week 7
91245	2	3	L1 Lit	Geography 2.6 – Explain aspects of a contemporary New Zealand geographic issue	Term 2 Week 2
91246	2	3	L1 Lit	Geography 2.7 – Explain aspects of a geographic topic at a global scale	Term 1 Week 7
91240	2	4	L1 Lit	Geography 2.1 – Demonstrate geographic understanding of a large natural environment	External Exam

Year 12 Media Studies

The media plays a huge part in shaping our understanding of the world. Through Media Studies, students explore the effects of mass media such as film, television, social media, music, news, print media and radio on society and how we view the world. Media studies challenges and empowers students to analyse and interpret media content and to become more informed and think critically about the media's role in everyday life. Students who study media also develop skills that will enable them to communicate their creative ideas through various mediums such as film, blogs, vlogs and advertising. Media studies is a great pathway for careers such as journalism, director/ film maker, TV presenter, advertising, radio broadcaster and film producer.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 12MED

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
90990	1	3		Media Studies—Produce a design and plan for a developed media product using a range of conventions	
90993	1	3		Media Studies - Demonstrate understanding of representation in the media	
90994	1	6		Media Studies - Complete a developed media product from a design and plan using a range of conventions	
90989	1	3		Media Studies - Write developed media text for a specific target audience	
90991	1	4		Media Studies - Demonstrate understanding of an aspect of a media genre.	External Exam

Year 12 Music

Sound from natural, acoustic, and digital environments is the source material for expressive ideas in music. These ideas are manipulated and extended into forms, genres, and styles that are recognised as music. Music is a fundamental form of expression, both personal and cultural. Value is placed upon the musical heritages of New Zealand’s diverse cultures, including traditional and contemporary Māori musical arts. In music education, students work individually and collaboratively to explore the potential of sounds and technologies for creating, interpreting, and representing musical ideas. As they think about and explore innovative sound and media, students have rich opportunities to further their own creative potential.

Possible course endorsement: No
Entry Requirements: HOD will place students.
Course Code: 12MUS

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91270	2	6		Music 2.1 – Perform two substantial pieces of music as a featured soloist.	Week 9 Term 2 Week 9 Term 3
91272	2	4		Music 2.3 – Demonstrate ensemble skills through performing a substantial piece of music as a member of a group.	Week 10 Term 1
91271	2	6		Music 2.4 – Compose two substantial pieces of music	Week 9, Term 2 Week 9 Term 3

Year 12 Sports Science

Students will be asked to use ongoing reflection to explain group processes in relation to their nature and benefits, through experience in physical activity. Students will perform a physical activity in an applied setting demonstrating the elements and skills of the activity to enable full participation in the activity. Students will be required to explain how and why physical activity has a role and the significance it has in the lives of young people in New Zealand. They will be asked to explain how and why a sporting event, a physical activity, or a festival is significant, with reference to relevant sociological factors and issues for self, others and society.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 12SPS

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91327	2	3	L1 Lit	Physical Education 2.1 – Explain the role and significance of physical activity in the lives of young people in New Zealand.	Term 3 Week 2
91329	2	4	L1 Lit	Physical Education 2.3 – Demonstrate understanding of the application of biophysical principles to training for physical activity.	Term 2 Week 6
91330	2	4		Physical Education 2.4 Perform a physical activity in an applied setting	Term 2 Week 6
91331	2	4	L1, Lit	Physical Education 2.5 – Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	Term 3 Week 9
91336	2	3	L1 Lit	Physical Education 2.10 – Analyse group processes in physical activity	Term 1 Week 6

Year 12 Technology

Technology education contributes to the intellectual and practical development of students, both as individuals and informed members of a technological society. The aim of this course is to enable students to achieve technological literacy through the development of; technological knowledge and understanding and technological capability. In this subject, students will have an opportunity to design, make, modify, and evaluate products for their stakeholders.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 12TEC

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91344	2	6		Implement advanced procedures using resistant materials to make a specified product with special features.	Term 2 Week 93
91357	2	6		Generic Technology 2.4 Undertake effective development to make and trial a prototype	Term 3 Week 6
91359	2	4	L1, Lit	Generic Technology 2.6 – Demonstrate understanding of the role of material evaluation in product development	Term 4

Year 12 Design & Visual Communication

DVC is where students learn to use a range of design and drawing techniques to communicate their ideas. The course is based on a spatial design and design brief.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 12DVC

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91341	3	6	L1 Lit	Design and Visual Communication 2.34 Develop a spatial design through graphics practice	Term 1 Week 10
91343	3	4		Design and Visual Communication 2.36 – Use visual communication techniques to compose a presentation of a design	Term 4 Week 2
91338	3	4		Design and Visual Communication 2.31 – Produce working drawings to communicate technical details of a design	Term 2 Week 10
91339	3	3		Design and Visual Communication 2.32 – Produce instrumental, perspective projection drawings to communicate design ideas	Term 3 Week 6

Year 12 Future Pathways

This is a unit standard course developed to provide students with life skills needed to enter the workforce.

Possible course endorsement: Yes
Entry Requirements: DP Curriculum will place students.
Course Code: 12FTP

Year 12 Service Academy

This is a unit standard programme for students considering a career in the New Zealand Forces. Students who are selected to be part the Service Academy will attend two camps throughout the year and have the opportunity to grow and develop leadership skills for the future. Some students will also participate in gateway and workplace opportunities.

Possible course endorsement: No
Entry Requirements: HOD will place students
Course Code: 12ACA