

YEAR 11 COURSES FOR 2022

Compulsory full year courses for English and Mathematics:

<p>ENGLISH & LANGUAGES</p> <p>All students will do two semesters of English</p>	<p>English - Semester 1</p>	<p>Course includes :</p> <ul style="list-style-type: none"> ● Across the year themed based courses. ● Students will explore a range of New Zealand, Pasifika and world literature to develop an appreciation for how texts are crafted. ● Students will create E-portfolios to showcase evidence of learning over the next three years ● Course includes personalised learning programmes which are flexible and authentic to meet each student's aspirations and educational needs. ● Students will learn how to problem solve, use critical thinking, communication and interpersonal skills through an inquiry. ● Craft a range of written text types for a purpose.
	<p>English - Semester 2</p>	<p>Course includes :</p> <ul style="list-style-type: none"> ● In groups, students will create a visual text based on human stories. From this students will write, direct and produce a short film. ● Whaikōrero(speeches) - to inspire tomorrow's leaders and speakers - students will develop their oral speaking skills through live debates, speeches, seminars and presentations. ● Students will create a portfolio of creative and formal writing. ● Summer Reading Challenge- Kōrero pukapuka ā te wā o Raumati. An interactive fun exploration of texts to continue the love of reading during the summer break.
	<p>English for Speakers of Other Languages</p>	<p>This course is designed to meet the English language learning needs of students for whom English is an additional language. Students are assessed against the English</p>

		Language Learning Progressions matrices and they are provided individual pathways to achieve NCEA credits in reading, writing, speaking and listening.
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<p>MATHEMATICS</p> <p>All students will do two semesters of Maths.</p>		<p>Students will have the opportunity to develop their skills in Statistics, Algebra & Graphs within a personalised programme. Basic skills in all Mathematics topics will be the focus for the first two months of school.</p> <p>Guidance will be given to students to choose the fundamental skills required for further study in both Calculus and Statistics.</p> <p>The learning and assessments provide opportunities to develop real-world mathematical reasoning with the opportunity for students to gain some Level 2 credits.</p>
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Choose 8 additional semester courses from:

COURSE	Course title	WHAT STUDENTS WILL LEARN
ACCOUNTING	<p><u>Let's Do Accounting without Losing your Balance</u></p> <p><u>ACCB</u></p>	<p><u>Let's Do Accounting without Losing your Balance</u></p> <p>This course gives students the tools to make real life financial decisions in a constantly changing and uncertain world. It prepares students to prepare and communicate financial information to the different users, enhancing financial literacy.</p> <p>Students will learn skills that include:</p> <ul style="list-style-type: none"> ● Preparing and maintaining financial records ● Managing financial affairs ● Acting with integrity ● Contributing to the wider community

<p>BUSINESS STUDIES</p>	<p><u>Run your own business</u></p> <p>BUS1</p>	<p><u>Run your own business</u></p> <p><i>Business Studies explores the skills, knowledge and understanding needed in order to be involved in business.</i></p> <ul style="list-style-type: none"> ● <i>You will experience what it is like to start-up a brand new business.</i> ● <i>You will join with other students and form a company.</i> ● <i>Your company will create a product and take it to market.</i> ● <i>You will sell your product to customers during a community Market Day.</i> ● <i>You will even keep whatever profit your company makes.</i> ● <i>Your product could relate to another subject you are studying, such as Music, Food or Media.</i>
<p>DRAMA</p>	<p>Drama - Curtain Call</p> <p>DRAC</p>	<p><i>The one thing you have that no one else does is you. Your voice, your mind, your story, your vision. Drama doesn't help you find what you already possess. Drama helps to give yourself permission to use it.</i></p> <p><i>Are you looking to apply for medical school? Perhaps your ambition is to be a lawyer? Or maybe you want to create and run your own business? Any career choice requires one thing in common, the ability to be present, fearless and have your voice heard.</i></p> <p><i>In addition to gaining theater-specific skills and knowledge, you will learn life skills in confidence, interpersonal communication, creative problem-solving, and collaboration. As well as develop social-emotional skills such as empathy, focus, resilience and the ability to think on your feet under pressure. In the process, you will gain a greater knowledge of yourself and will be taken on a journey of play and exploration. You will develop spontaneity, boldness, freedom, and courage to place yourself in other people's shoes.</i></p> <p><i>Drama isn't a subject, Drama prepares you for any subject.</i></p>


		<p>Please note you do not have to take the Drama Production course if you solely want to take the Drama skills course. However, we strongly encourage you to take the Drama skills course if you have chosen to take the Drama Production course in order to give you a solid well rounded understanding.</p>
<p>DRAMA</p>	<p>Production Course</p> <p>DRAP</p>	<p>A school production is an experience unlike any other. It's a collaboration of ideas, team work, support, trust, disputes, hysterical inside jokes and unity.</p> <p>At OSC, our productions develop not only unforgettable memories, but lifelong passions, the art of accountability, friendships and the experience in being part of a company.</p> <p>Whether you desire to be on stage or backstage this course will give you the ability to explore your interest in experiencing what it is to be part of a theatrical production and gain credits at the same time!</p> <p>Any budding actors out there will have the chance to audition, rehearse and perform in a live show. Those of you who prefer backstage and see yourselves as design wizards with visions in creating and building sets, making costumes and devising sound and lighting designs will thrive at this opportunity to be part of something liberating and magical. This is an officially recognised course that falls under the Drama curriculum where you can receive NCEA credits.</p> <p>We strongly encourage that if you choose the Drama Production course, that you also choose the Drama skills course, in order to give you a well established overall understanding of Drama/performance and the training/method behind it.</p>


<p>ECONOMICS</p>	<p><u>From Cape Reinga to Bluff</u></p> <p>ECOP</p>	<p>Economics investigates how New Zealand and the world economies work. Studying Economics will give you analytical skills that are applicable in any career related to business, finance, engineering, planning and politics.</p> <p><u>From Cape Reinga to Bluff</u></p> <p>This course will take you on a journey through the regions of Aotearoa, New Zealand. On this journey, you will find out about the significance of each region in terms of:</p> <ul style="list-style-type: none"> ● Resources ● employment and ● trade. <p>You will learn to use economic models to explain the changes you are exploring. Analysing new headlines and government decisions will also be part of the course.</p> <p>Possible Field Trip - Chelsea Sugar refinery or Tip Top ice cream</p>
<p>GEOGRAPHY</p>	<p><u>Shake, Rattle and Roll</u></p> <p>GEOS</p> <p><u>Human Decisions and Choices</u></p> <p>GEOH</p>	<p><u>Shake, Rattle and Roll</u></p> <p>This course provides you with foundation knowledge of physical geography. You will discover the natural science of our planet through:</p> <ul style="list-style-type: none"> ● inquiry into the formation of volcanoes, earthquakes and tsunamis. ● Undertake field trips to explore the North Islands volcanic fields which support your learning and research inquiry. <p>Field Trips</p> <p>Taupo Volcanic Arc (Tongariro national park) and/or Auckland Volcanic Fields</p> <p><u>Human Decisions and Choices</u></p> <p>This course provides you with foundation knowledge of human geography:</p> <ul style="list-style-type: none"> ● You will explore social, economic and environmental choices and decisions individuals and societies make over time. ● Your inquiry focus may cover how to create a sustainable future and exercise rights; or ● discover through inquiry and research how music genres shape and influence

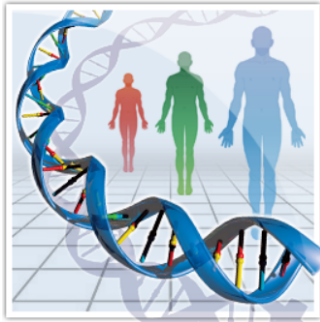
		<p>cultures and societies globally. You will have the opportunity to participate in field trips to support your learning and research inquiry.</p> <p>Field Trips and Guest Speakers - TBC</p>
HISTORY	<p><u>“War! What is it good for?”</u></p> <p><u>HISW</u></p> <p><u>“Ko Te Whenua Te Utu” - Land is the price</u></p> <p><u>HISL</u></p>	<p>While History is in the past, there are many connections to today. Level 1 History looks at global, national and local events and movements that have occurred throughout time; focusing on causes and consequences. Throughout this course you will develop research skills, historical writing and the ability to understand perspectives.</p> <p><u>“War! What is it good for?”</u></p> <ul style="list-style-type: none"> • Throughout this course you will explore the perspectives of war. • You will be developing the skills in order to gain a deeper understanding of people/groups and their perspectives in a war context. <p>Field Trip: Auckland Memorial Museum (Memorials, Displays, Tour)</p> <p><u>“Ko Te Whenua Te Utu” - Land is the price</u></p> <ul style="list-style-type: none"> • Throughout this course, you will explore colonisation over time over the globe. • Developing your research skills and literacy skills in a context which is of significance to Aotearoa and the world. <p>Field Trip: Auckland Memorial Museum (Memorials, Displays, Tour)</p>
MEDIA STUDIES	<p>Screenagers - Film and Film making</p> <p>MEDS</p>	<p>What are the stories told about YOU in the media? How do the stories that you watch, play, and read make you? Teens consume somewhere between 3-8 hours of media a day - what effect does this have on how you think about culture, values, fashion, music, and the world around you? How do different people use the media? How does the media show people like you?</p>

		<ul style="list-style-type: none"> • Genre study of teen culture in Film and TV • Looking at similarities and differences between teen vs adult media use • Film making project
	<p>Media vs. the Real World - News Media, conspiracies, and fake news</p> <p>MEDR</p>	<p>We experience the world through the media - what's real, and how do we know? How does the media actually work in marketing, business, education, entertainment, and news? Do you have a shared understanding of the world with others? How does the Media show us the world, and what does a journalist actually do?</p> <ul style="list-style-type: none"> • Examining how the teens and the world are shown through the media • Examining how media are used to influence and inform in the world • Journalism project - making a media production project
MUSIC	<p>Performance Music</p> <p>"Rock the Stage"</p> <p>MUSL</p>	<p>Studying Performance Music will allow you to form groups, compose and perform whilst developing a range of skills and techniques on your chosen instrument(s). This course also allows students to reflect on the expressive qualities of a range of musical styles both live and recorded. This course leads on to Level 2 Music with those interested in producing music using technology encouraged to take both Performance Music and Music Technology.</p>
	<p>Music Technology</p> <p>"Beat Makers"</p> <p>MUST</p>	<p>Studying Music Technology will allow you to produce your own music by learning and using programs such as Garageband, Logic and FL Studio. Students will create, structure, refine, and represent compositions using the elements of music, instruments, technologies, and conventions to express imaginative thinking and personal understanding. This course leads on to Level 2 Music with those interested in performing music encouraged to take both Music Technology and Performance Music.</p>
	<p>Band Performance Music</p> <p>"Big Band"</p>	<p>Studying Band Performance will allow you to form a class band with traditional brass and woodwind instruments such as Trumpet, Trombone, Clarinet and Saxophone. Students will learn to perform whilst developing a range of skills and techniques on their chosen instrument(s). This course also allows students to reflect on the expressive</p>

	MUSB	<p>qualities of a range of musical styles both live and recorded. This course leads on to Level 2 Music with those interested in producing music using technology encouraged to take both Performance Music and Music Technology. Instrument Hire Required</p>
PE	<p>Sports science PEHM</p>	<p>Physical Education, Sports Science</p> <p>Physical Education has two pathways. These are broken into semester blocks offering a "Sports science" option and "S.O.S PE" (Self. Others. Society PE). Within "Sports science" students will learn about the structure and function of the human body in relation to improving performance in physical activities. This course is based on the idea of seeing the body as a machine in order to make improvements. This course has links within a range of learning areas which will be explored.</p>
	<p>PEHS</p>	<p>Physical Education, Sociology</p> <p>Within the sociology pathway students will develop an understanding of Physical Education through a wide range of physical activities. These learning opportunities could include aspects of leadership, event planning, cultural and sporting events and possible Duke of Edinburgh related contexts. Each semester will cover a range of different contexts that students discuss and decide upon. This course will place emphasis on individuals, other people and society and the links to Physical Education and activity.</p> <p>Students will have the opportunity to enter level two Physical Education with either of these semester courses.</p>

<p>Health</p>	<p>Tama tu tama ora: stand up and be counted</p> <p>PEHT</p>	<p>Well-being is a major concern for people of all ages. In year 11 Health you will have the opportunity to inquire into well-being issues and have the opportunity to take action to enhance an aspect of well-being. This will lead you on a pathway to improve the well-being for students or members of the Ormiston Senior College community. Well-being (Hauora) encompasses the mental/emotional, social, spiritual and physical dimensions of an individual. This course will lead into an NCEA Level two Health pathway. If you are passionate about some of these areas then stand up for well-being and be counted, Tama tu tama ora!</p>
<p>SCIENCES</p> <p>Offered in three different learning areas:</p> <ul style="list-style-type: none"> ● Biology ● Chemistry ● Physics <p>Students can select up to 4 courses in the Sciences</p> <p>For a pathway in level 2 Physics, Chemistry or Biology it is highly</p>	<p>Physics</p> <p>PYHM</p>	<p>Physics of Mechanics</p> <p>In this course you will study</p> <ul style="list-style-type: none"> ● Distance, speed, forces, gravity, acceleration, graphs of motion ● Pressure, work and power, gravitational potential energy, kinetic energy, and the conservation of mechanical energy in free fall situations ● These will be related to everyday experiences such as journeys, sport and performance. ● This course is highly recommended for L2 Physics. ● (If the student select one semester chemistry course only for the year, this course is highly recommended) 

<p>recommend that student should complete:</p> <ul style="list-style-type: none"> • Both courses of the relevant Phy, Chem, Bio in year 11 • The relevant NCEA Level 1 externals. 	<p>Physics</p> <p>PHYE</p>	<p>Physics of Electricity and Magnetism</p> <p>In this course you will study</p> <ul style="list-style-type: none"> • <i>Static Electricity: positive and negative charge, conductors and insulators, uniform and non-uniform charge distributions, earthing, electrical discharge in air, separation of charge by friction, charging by contact.</i> • <i>DC Electricity: voltage, current, resistance, power, series circuits and simple parallel circuits, circuit diagrams, the relationships</i> • <i>Magnetism: magnetic field of bar magnets, the earth's magnetic field, magnetic fields due to currents in straight wires and solenoids, right-hand grip rule, electromagnet.</i> • This course is highly recommended for L2 Physics 
	<p>Biology</p> <p>BIOG</p>	<p>Biology - Genetics</p> <p>Students will learn about the basic principles of genetics and how it affects the variation we see in all living things. They will also have an opportunity to develop their practical skills through different investigations during the semester, as well as develop their research and reporting skills.</p> <p>(If the student selects only one Bio course for the year, this course is the preferred option)</p>



Biology
BIOM

Biology - Microorganisms

Students will learn about the life processes in microbes - bacteria, fungi and viruses, how they affect us in our daily lives and how we use them. There will be an opportunity to carry out an investigation, as well as develop their reporting and researching skills.



Chemistry

CHEN

Investigative Chemistry

Do you know what to do when a bee stings you or when you have indigestion?

Explore your passion for chemistry through a journey of discovery of wet bench techniques. Think like a scientist and carry out a range of practical investigations to explore acids and bases in our daily lives. (If the student select one semester Chemistry course only for the year, this course is highly recommended)



Chemistry

CHEC


Chemistry- Carbon in Real Life

Have you ever played with dry ice? Do you wonder where your petrol comes from? Investigate the many fascinating ways carbon is utilised in our everyday lives. This course helps you understand the ways carbon compounds and chemical processes interact with people and the environment with such topics as global warming and the impact of plastic.



TECHNOLOGY	Digital Technology - Media DITM	<p>Students will work through a design process including: research, design and problem solving, integration of digital media and information, testing, evaluation and production. They will be given the opportunity to learn image manipulation, animation, web design and development. This course leads to Level 2 and 3 Computer Science and Design, then onto further study for a wide range of careers: Graphic Designer, Animator, UX and UI Designer, Web Designer, Game Designer, etc NOTE: BYOD Laptop computer is essential for this Digital technology course. Minimum system requirements: Windows 10, 8 GB of RAM, or macOS version 10.12 (Sierra) or later, 8 GB of RAM recommended.</p>
	Digital Technology - programming DITP	<p>Students will work through a process to plan and develop a computer program using Python programming language. This course leads to Level 2 and 3 Computer Science, then onto further study for a wide range of careers in programming, databases, software engineering, web and game development, etc. NOTE: BYOD Laptop computer is essential for this Digital technology course. Minimum system requirements: Windows 10, 8 GB of RAM, or macOS version 10.12 (Sierra) or later, 8 GB of RAM recommended.</p>
	Food Technology TEF1	<p>This course is about the conversion of raw materials into edible food products using design and make skills. The course focuses on food product development, risk taking, critical thinking, and creativity. Students will apply technological process to the investigation of a real world issue and develop food products that respond to the given need. Practical skills, product trials and the manufacture of final food products form a major component of this course. This course leads to Level 2 and Level 3 Food Technology and hospitality.</p>
	Industrial Design Technology	<p>Students will spend the semester designing and constructing a small prototype to solve a problem provided to them. Students will develop the ability to communicate their design ideas through a range of mediums including sketching, oral presentation, 3D printing and hands on model making. This course leads to Level 2 and Level 3</p>

	IDT1	<i>Industrial Design, then onto further study for a wide range of careers such as Industrial and Product Design, Furniture Design, and various Engineering pathways.</i>
	Design and Visual Communication DVC1	<p><i>This course provides a variety of design, sketching and digital experiences. These skills coupled with an understanding of architecture, interior design, and product design are critical to the success of future designers in a fast-changing world.</i></p> <p><i>Level one will be focused on architecture design, where students will learn and implement skills such as brief creation, sketching and rendering techniques, functional and aesthetic development and refinement, and digital or physical model making, to develop and present a spatial design inspired by a design movement.</i></p>
	Business Technology - From the kitchen to the customer BUFT	<p><i>Innovation and Entrepreneurship are like two sides of a coin. The food industry today is looking for new and improved designs for products. From your breakfast cereal to a Michelin star meal at a five-star restaurant are a result of someone's creativity. However, these creative meals wouldn't have reached their consumer if it wasn't for entrepreneurship. That is the ability to bring your innovation to your market. This course will allow you to take the risks associated with product design (food) and take it to your intended market with an understanding of business studies. If you ever dream to have your own food business, then this is the course for you. This course leads to Level 2 and Level 3 Business studies, Food Technology and hospitality.</i></p>
VISUAL ARTS <i>There are three options in Visual Arts:</i> <ul style="list-style-type: none"> ● Design ● Painting 	Design VAD1	<p><i>Studying Design enables students to develop knowledge and understanding of design processes and to learn to solve design problems. Students will explore a range of digital and handmade design styles, design a product brand or advertising material. Students will learn and become confident with Adobe Photoshop, Illustrator and InDesign. While studying any visual arts subjects, students explicitly develop their creativity, critical thinking and problem solving skills. These attributes are highly sought after by future employers in most fields of study, not just the creative arts.</i></p>

<ul style="list-style-type: none"> • Photography <p>Students with a creative pathway will benefit from studying at least two semester courses made up of any of the three options e.g. Design and Painting or Painting and Photography.</p>		<p>This course leads to Level 2 and 3 Design, then onto further study for a wide range of careers: Graphic/Digital Designer, Animator, Typographer, Web Designer, Illustrator, UX/UI Designer, Game Designer, Advertising, etc.</p> <p>NOTE: BYOD Laptop computer is recommended for this Digital Visual Arts course. Minimum system requirements: Windows 10, 8 GB of RAM, or macOS version 10.12 (Sierra) or later, 8 GB of RAM recommended.</p>
	<p>Painting</p> <p>VAP1</p>	<p>Studying Painting will enable students to develop painting knowledge and skills within a chosen theme. Students can explore both traditional and digital methods of painting and extend skills in a range of materials, techniques and technologies. Students will learn a range of traditional and contemporary methods such as pencil sketching, charcoal drawing, watercolour, acrylic painting and digital painting. Students research, analyse, critique and interpret how artworks are constructed and presented from established artists to communicate meanings within their own works. <i>While studying any visual arts subjects, students explicitly develop their creativity, critical thinking and problem solving skills. These attributes are highly sought after by future employers in most fields of study, not just the creative arts.</i></p>  <p>This course leads to Level 2 and 3 Painting, then onto further study for a wide range of careers: Artist, Architect, Art Therapist, Interior Designer, Illustrator, Art Director, Art Educator, Art Restorer, etc.</p>

	<p>Photography</p> <p>VPH1</p>	<p>Studying Photography will enable students to develop digital photographic knowledge and skills. Students will learn to operate a Digital SLR camera and flash lighting, whilst learning key concepts to effective photos and editing their work in Adobe Photoshop. Students are entrusted with equipment and resources and therefore a high level of personal responsibility and commitment is required. <i>While studying any visual arts subjects, students explicitly develop their creativity, critical thinking and problem solving skills. These attributes are highly sought after by future employers in most fields of study, not just the creative arts.</i></p> <p><i>This course leads to Level 2 and 3 Photography, then onto further study for a wide range of careers: commercial, forensic, industrial, fashion, documentary photography, and allied fields: Architecture, Publishing, Photojournalism, Photo finishing and Fine Arts, etc.</i></p> <p>NOTE: BYOD Laptop computer is recommended for this Digital Visual Arts course. Minimum system requirements: Windows 10, 8 GB of RAM, or macOS version 10.12 (Sierra) or later, 8 GB of RAM recommended.</p>
<p>Te Reo</p>	<p>MAO1</p>	<p><i>Nau mai haere mai, hei whai te mātauranha o te Ao Māori, mai te kaupapa o te reo. Students will be exposed to the values, beliefs and protocols of the Māori world through its indigenous language. Basic language structures and learning of relevant vocabulary will be developed to allow students to speak, listen and respond and write in the indigenous language of Aotearoa Māori.</i></p>
<p>Exploring the Pacific</p>	<p>PAS1</p>	<p><i>This course explores some aspects of our closest neighbours in the Pacific Islands. You have the chance to explore music, dance, arts, migration, and many more aspects of the cultures and identities of the Pacific Islands. Further, you will also have the chance to tailor a group, pair or individual inquiry into a specific aspect of Pacific culture that interests you. In this, you will learn the skills of research and presentation. The course will include guest speakers and trips to places of interest.</i></p>

