

Year 12 Subject Selection



Feilding High School

Arts

Art Painting – 12ARP	
Entry Requirements	Level 1 Art.
Course Content	<ul style="list-style-type: none"> • Students will produce paintings which develop in order to clarify and extend their ideas. Students will be assessed on their ability to critically analyse, evaluate, and further develop a concept, subject matter, problem or situation by way of using methods appropriate to established practice. • Students can work with a variety of media, including printmaking and digital artwork to suit individual strengths and interests.
Assessment	Internal: 8, External: 12

Art Sculpture – 12ARS	
Entry Requirements	Level 1 Art or at the discretion of the TiC.
Course Content	<ul style="list-style-type: none"> • Students will develop ideas using drawing conventions relevant to sculpture, along with supporting notes, based on a theme. Students will be assessed on their ability to demonstrate their skills with appropriate media and techniques. • Students will need to critically select and use particular processes, materials and techniques. Materials explored may include, but are not limited to: wire, light, clay, ice, silicone, found objects, glass and fabric.
Assessment	Internal: 8, External: 12

Art Design – 12ARD	
Entry Requirements	12 credits in Level 1 English or Level 1 Art
Course Content	<ul style="list-style-type: none"> • Art Design is a digital graphic design course. • Students will learn to use Adobe creative software such as Photoshop and InDesign to create digital artworks using the design process. • Students will create a range of branding and marketing material within a context of their choosing. • Assignments are styled to suit each students' strengths and interests (e.g., drawing, photography, typography, painting, digital illustration, street art etc).
Assessment	Internal: 8, External: 12

Photography – 12PHO	
Entry Requirements	12 credits in Level 1 English or Level 1 Art
Course Content	<ul style="list-style-type: none"> • Using a camera, exposure. • Editing techniques using Adobe creative software such as Photoshop, InDesign and Bridge. • Generate meaningful imagery which explores conceptual photographic art-making techniques within a context of their own choosing.
Assessment	Internal: 8, External: 12
Extra Conditions	Cameras are provided.

Drama – 12DRA	
Entry Requirements	Achievement Standard 90009 (Class Production) and one other standard from 11 Drama, or in consultation with TIC
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Practical workshops • Performance • Theatre forms/genre • History of Theatre • Devising • Live theatre viewing • Production experience
Assessment	Internal: 14, External: 4
Extra Conditions	Extra rehearsal outside of class time is required. Students will be required to provide some basic costuming.

Music – 12MUS	
Entry Requirements	<p>Students must be taking lessons to learn an instrument, either through the school itinerant scheme or privately. Students must be working towards at least Grade 4 in theory and performance OR have passed Level 1 AS91090 (Solo Performance) and one other standard in Level 1 Music.</p> <p>Students should be involved in at least one of the school-based performance groups.</p>
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Solo performance (compulsory) • Instrumentation • Score reading and theory (external) • Knowledge of music works (external) • Composition – only if student is already composing music • Group performance – may only be done in extracurricular music
Assessment	Internal: 6, External: 10
Extra Conditions	Students must do Solo performance and at least one of the two externals – they may then choose from other available standards to complete their programme up to 20 credits.

Music Industry – 12MUI

Entry Requirements	Open entry for students who have achieved NCEA Level 1. Students can take this course with minimal music performance experience; however, students MUST be prepared to work in a group at times. Having a very good attendance record is required as there are many practical activities throughout this course. Entry into the Year 12 Music Industry course is at the discretion of the HOD.
Course Content	Students will cover the following topics: <ul style="list-style-type: none">• Recording music• Mixing and to editing in music software• Operating equipment for live sound & performances• Developments in music technology• Working in music industries• The New Zealand Music Industry
Assessment	Internal: 18-22
Extra Conditions	Wired or wireless headphones or earphones are required. There are no costs for using professional music software on school computers.

Languages

English – 12ENG	
Entry Requirements	Must pass at least 3 Achievement Standards from 11ENG
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Reading Responses • Unfamiliar Texts • Writing Portfolio • Film and/or Novel (The above is subject to minor changes)
Assessment	Internal: 10, External: 8

English Studies – 12EST	
Entry Requirements	10 credits from 11 English A or 11 English Studies
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Reading Responses • Research • Writing for a Purpose • Connections Across Texts • Letter Writing • Film Scene Analysis
Assessment	Internal: 20

English Skills – 12ESK	
Entry Requirements	4 credits from 11 English Studies <u>or</u> passed the three Literacy Unit Standards in 11 English Skills
Course Content	Students will cover some of the following topics: <ul style="list-style-type: none"> • Reading Responses • Research • Writing for a Purpose • Connections Across Texts • Letter Writing • Film Scene Analysis
Assessment	Internal: up to 20 credits

Media Studies – 12MED	
Entry Requirements	Previous Media Studies experience is helpful but not required. Students must have passed 3 standards in 11MED and attempted the L1 external or passed 3 standards in 11ENA.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Designing and producing a podcast episode • Crafting written media products E.g. scripts • Conducting a film genre study for the external E.g. horror
Assessment	Internal: 13, External: 4

French – 12FRE	
Entry Requirements	Minimum of one internal and one external Achieved at level 1 in French
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Family life/Relationship (parents – teenagers). Friendship • Health and Latest trend (La mode) • Plans about the future (School system revision)
Assessment	Internal: 9, External: 10
Extra Conditions	Required: Renash French Student Booklet

Japanese – 12JPN	
Entry Requirements	Minimum of one internal and one external Achieved at Level 1 in Japanese
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Family Life • Eating and Drinking • School
Assessment	Internal: 9 External: 10
Extra Conditions	Required: Renash Japanese Student Booklet

Te Reo Maori – 12MAO	
Entry Requirements	Level 1 Te Reo Māori 1.5 and either 1.3 or 1.4
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • formal writing • persuasive writing • retelling and recounting • creative writing • Tikanga marae and aspects of Te Ao Māori
Assessment	Internal: 10, External: 12

Te Ao Maori – 12TEAO

Entry Requirements	Level 1 Literacy. This course does not require knowledge of Te Reo Māori
Course Content	Students will cover the following topics: <ul style="list-style-type: none">• Whakapapa, Ngā kōrero o neherā, Atua Māori• Tourism Māori, Kaitiakitanga• Tikanga Māori, Pōwhiri. Manaaki Manuhiri• Māori history, The New Zealand Wars• A Māori Leader / Waka study• Māori Performing Arts
Assessment	Internal: 20 (an additional 10 credits are available for students of Kapa Haka who perform at Pae Taiohi)

Mathematics

Mathematics – 12MAT	
Entry Requirements	15 credits from the 11MAT course. This must include AS91031 (1.6 Geometric Reasoning) and at least Merit in AS91027 (1.2 Algebra)
Course Content	Students will cover the following topics: <ul style="list-style-type: none">• Algebra• Calculus• Probability• Trigonometry• Geometry
Assessment	Internal: 5, External: 13
Extra Conditions	A Graphics calculator is compulsory

Mathematics Studies – 12MST	
Entry Requirements	13 Achievement Standard credits from either an 11MAT or 11MST course. This must include AS91037 (1.12 Chance and Data).
Course Content	Students will cover the following topics: <ul style="list-style-type: none">• Networks• Probability Methods• Trigonometry• Simulations• Coordinate Geometry• Statistical Inferences
Assessment	Internal: 15, External: 4
Extra Conditions	A Graphics calculator is highly recommended

Physical Education and Health

Health – 12HLT	
Entry Requirements	12 credits from 11ENG or 11EST
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Resilience • Sexuality – the portrayal of women or men in popular culture • Analyse a health issue – may include vaping, alcohol misuse, stress and anxiety. • Hauora, attitudes & values, socio-ecological perspective • Health promotion within the local community
Assessment	Internal: 15 External: 5
Extra Conditions	Students are required to participate in a placement where they implement strategies to improve the wellbeing of others. Support and approval of the placement is provided by the teacher.

Physical Education – 12PED	
Entry Requirements	High level of participation in Year 11 PEH, or by approval of HOF.
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Safety and risk management in the outdoors • Aquathon – train to improve your performance • Group processes – the functioning of teams • Social responsibility – leadership and responsibilities of being in a team
Assessment	Internal: 17
Extra Conditions	Students are required to have PE gear or FAHS Sports gear for practical lessons.

Outdoor Adventure – 12ODA	
Entry Requirements	<p>Students are required to apply for a place on this course. Places are limited due to the nature of the course.</p> <p>The cost of the camps is \$450.00.</p> <p>The application form is to be collected from the front office and returned with a deposit of \$100 by Wednesday 20th of September (Term 3 Week 10). The remainder of \$350 is to be paid by December 1st 2023.</p> <p>Successful applicants will be contacted in Term 4 to complete the application process. If students are unsuccessful in their application – the deposit will be refunded onto the students school account.</p>
Course Content	<p>Students will cover a selection of the following topics:</p> <ul style="list-style-type: none"> • Snowboarding • Kayaking • Mountain biking • Risk management in the outdoors • Bushcraft and camping

Outdoor Adventure – 12ODA

	<ul style="list-style-type: none">• Rock climbing & Abseiling
Assessment	Internal: 13-20
Extra Conditions	An appropriate level of physical fitness is required. Food and clothing are not included, students must provide these for themselves. Specialist equipment is provided by the school.

Sport Science – 12SPS

Entry Requirements	14 credits from Year 11 Sport Science, this must include AS90963 (1.2)
Course Content	Students will cover the following topics: <ul style="list-style-type: none">• Anatomy and Biomechanics in a sport of your choice• Aquathon – train to improve your performance using principles and methods of training• Examine a sporting event and the impact this has on self, others and society• Practical demonstration of skill in a range of sports
Assessment	Internal: 17
Extra Conditions	Students are required to have PE gear or FAHS sports gear for all practical lessons.

Science

Agriculture and Horticulture – 12AGHT	
Entry Requirements	14 Credits from 11 Agricultural and Horticultural or at the discretion of the Teacher in Charge
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Physical Factors of the Environment • Growth and Development • Practical Investigation • Environmental Impacts • Reproduction
Assessment	Internal: 12, External: 8
Extra Conditions	Optional field trip

Biology – 12BIO	
Entry Requirements	12 credits from Level 1 Science, including the Biology external (AS90948) <u>and</u> 8 credits from Level 1 English or English Studies OR at the discretion of the Teacher in Charge.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Diversity of animal adaptations • Cell biology • Practical investigation • Genetics, gene expression and evolution • Analysis of biological information
Assessment	Internal: 10, External: 8
Extra Conditions	SciPad workbook required – available for purchase from school stationery shop.

Chemistry – 12CHE	
Entry Requirements	12 credits from level 1 Science, including the Chemistry external AS 90944.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Quantitative analysis • Redox reactions • Chemical reactivity • Structure and bonding • Organic chemistry
Assessment	Internal: 7, External: 12
Extra Conditions	Scipad workbooks required- purchase from stationary shop

Physics – 12PHY	
Entry Requirements	12 credits from level 1 Science, including the Physics external AS 90940 <u>and</u> have reasonable algebra and trigonometry skills OR at the discretion of the Teacher in charge. 12 Mathematics or 12 Mathematics Studies is a co-requisite.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Kinematics and dynamics - analysing motion, collisions, projectiles, circular motion, springs, force and energy • Electricity and electromagnetism - basic principles of electrical circuits, electric fields and electromagnetism. • Light and waves – reflection, refraction, diffraction, interference, curved mirrors and lenses • Atomic and nuclear physics
Assessment	Internal: 6, External: 16
Extra Conditions	Required: Physics Workbook - purchase from the stationery room.

Primary Industries – 12PRI	
Entry Requirements	At the discretion of the Teacher in Charge, which will be based upon the previous year's work, behaviour and achievement. Due to the nature of the course, student selection processes and interviews may be required to secure a place in the course in 2024.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Agricultural vehicles and machinery (level 1 standards) • Animal handling and treatment • Grazing and feed management • Health and Safety • Milking or Dagging and crutching, depending on the work placement • If students wish to do Forestry, Equine or Horticulture options, unit standards will be chosen in consultation with the employer and the Teacher in Charge
Assessment	Internal: 32 total but less 8 if sheep/beef or less 5 if dairy
Extra Conditions	<ul style="list-style-type: none"> • Students will be required to complete work experience one day per week from mid Term 1 to the end of the year. • Students may be required to complete a prescribed number of days of logged farm work in their own time. • It is a requirement of the ITO that students are drug tested prior to work experience. This will be coordinated by the school. • Students may only enter both 12 Primary Industries and 12 Agricultural Science after consultation with the Teacher in Charge. • Students and parents must sign a student contract outlining the student's commitment to their academic and practical work within the class. • Vehicle training courses will be run, and these are compulsory for each student to attend. • Students may not take Gateway or U-Skills and Primary Industries.

Science – 12SCI**Entry Requirements**

12 credits from 11 Science and 7 credits from 11 English or 11 English Studies or 16 credits from 11 Science Studies and 7 credits from 11 English or 11 English Studies or 20 credits from 11 Science Skills and 7 credits from 11 English or 11 English Studies or at the discretion of the teacher in charge.

Course Content

Students will cover the following topics:

- Survival in extreme environments
- Sustainability in a biophysical environment
- Practical investigations
- Analysing validity of scientific information
- Earth science processes

Assessment

Internal: 19

Social Science

Accounting – 12ACC	
Entry Requirements	12 credits from 11 Accounting or 11 Maths OR at the discretion of TiC
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Decision Making • Accounting Subsystems – Accounts Receivable, Inventory • Xero (Accounting Software Package) • Analysis & calculations of financial data
Assessment	Internal: 10, External: 9
Extra Conditions	Students will be required to purchase a learning Workbook (\$35).

Business Studies – 12BUS	
Entry Requirements	NCEA Level 1
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Starting your own business, creating a business plan and selling a product/service to make a profit or provide a community service. • Conducting market research for your own business product, or a product/service of your choice • Understanding how the business operates from within (internal factors). • Understanding what occurs outside the business which may affect it (external factors).
Assessment	Internal: 12, External: 8
Extra Conditions	Students will be expected to carry out business activities out of class time during Term II and Term III. Students will be eligible to register and enter the Young Enterprise Programme. This costs \$35.00 per student.

Economics – 12ECO	
Entry Requirements	12 credits from 11 Economics or 11 English A
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Inflation • Trade • Growth • Unemployment
Assessment	Internal:10, External: 8

Geography – 12GEO	
Entry Requirements	12 Credits from 11 Geography, English, History.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Investigate a Natural Landscape • Geographic Skills • Urban Patterns: Murder in Chicago • Global Issues • Research and Field work
Assessment	Internal: 14 External: 8
Extra Conditions	The course includes an optional 3 Day field trip to the Volcanoes in the Central North Island – approximate cost of \$175

History – 12HIS	
Entry Requirements	12 credits from 11 History or 11 English
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • The major forces shaping today’s world – nationalism, imperialism and diplomacy • The history of the Roman Empire – conflict, power and a focus on archaeology • Major protest movements in New Zealand – an inquiry
Assessment	Internal: 9, External: 5

Psychology – 12PSY	
Entry Requirements	14 Credits from 11 ENG, 11GEO, 11HIS, 11MED and 10 Level 1 Literacy Credits
Course Content	Students will explore the following topics: <ul style="list-style-type: none"> • Examine different psychological approaches (psychodynamic, evolutionary, sociocultural and biological) and how they explain behaviour and our motivation to eat • The nature vs nurture debate and how it has changed over time • Ethics – What are they? Why do psychologists have to adhere to ethics? How are ethics different to morals? • Famous unethical experiments – Harlow’s monkey study, Stanford Prison experiment, Milgrim’s obedience study and many more • How a psychological experiment is carried out and what it entails.
Assessment	Internal: 16

Tourism – 12TOU	
Entry Requirements	NCEA Level 1
Course Content	<p>Students will have the opportunity to explore the following topics:</p> <ul style="list-style-type: none"> • Tourist characteristics and needs • Tourism in New Zealand • World tourist destinations • Social and cultural impacts of tourism • Work roles in tourism • The business of tourism
Assessment	Internal: 20-23

Social Studies – 12SSS	
Entry Requirements	12 credits from 11 Geography, 11 English, 11 History.
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Describe a social action that enables communities to meet responsibilities and exercise rights-The TMT on Mauna Kea. • Conduct a reflective social inquiry- #Metoo movement • Describe personal involvement in a social action related to rights and responsibilities- Mahi for the community e.g Just Zilch, planting native trees. • Conflict arising from different cultural beliefs and ideas- Tourism on Mt Everest, indigenous
Assessment	Internal: 13, External: 5

Technology

Construction Trades (Formerly Building) – 12CTR	
Entry Requirements	14 Credits from 11BUI or 11TEN
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Communication in a BCATS Project • Timber and construction materials Knowledge • Reading and interpreting Plans and Drawings • Select, maintain, and use portable power tools • Constructing multiple resistant materials products linked to theory.
Assessment	Internal: 18
Extra Conditions	Selection is also dependent on students being able to demonstrate both the necessary technical skills and a thorough understanding of health and safety in the workshop.

Graphics and Design (Design and Visual Communication) – 12DVC	
Entry Requirements	12 Credits from 11DVC
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Spatial Design (Architecture) • Product Design • Freehand and Instrumental drawings. • Presentation of design and visual communication techniques. • CAD and 3D Printing
Assessment	Internal: 15, External: 3
Extra Conditions	Required: Class drawing materials and equipment. 12DVC is a BYOD based subject therefore students will have to bring their own laptop to class.** **There are a limited number of desktop computers available for use in class if students do not have a device.

Digital Technology – 12DTE	
Entry Requirements	Year 11 Digital Technology and Achieved 4 credits from AS91883 - Develop a computer program.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Planning and project managing a digital outcome • Developing a computer program • Computer Science
Assessment	Internal: 14, External: 3
Extra Conditions	12DTE is a BYOD based subject therefore students will have to bring their own laptop to class.**

Engineering – 12TEN	
Entry Requirements	16 credits from 11 Engineering (11TEN)
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Fabrication machines, materials, and processes • Common engineering materials properties and usage • Practical fabrication skills • Practical machining skills
Assessment	Internal: 20
Extra Conditions	Selection is also dependent on students being able to demonstrate both the necessary technical skills and a thorough understanding of health and safety in the workshop.

Food and Nutrition – 12FNU	
Entry Requirements	14 credits from 11FNU, 11SPS, 11ENG OR at the discretion of TIC.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Analyse specific food needs. - Nutrition for athletes. • Implement advanced procedures to process a product. • Analyse a nutritional issue. • Analyse the relationship between well-being, food choices and determinants of health • Evaluate health promoting strategies designed to address a nutritional need.
Assessment	Internal: 14, External: 4 Optional External: 4

Hospitality – 12HOS	
Entry Requirements	Open Entry
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Food safety and hygiene • Preparing and cooking food using a range of techniques: grilling, roasting, salads, sandwiches • Preparing Espresso Coffee using commercial equipment
Assessment	Internal: 20

Textiles Technology – 12TTE	
Entry Requirements	12 Credits from 11 Textiles OR at the discretion of TIC. An ability to perform practical sewing tasks is essential.
Course Content	Students will cover the following topics: <ul style="list-style-type: none"> • Advanced construction skills eg: welt packets, tailored cuffs and collars, embroidery, set-in-sleeve • Sustainable fashion. Working with a client to upcycle garments.
Assessment	Internal: 18

Vocational

Gateway – 12GAT	
Entry Requirements	<p>This is a programme that offers Year 12 students the opportunity to trial, in the workplace, their probable career choice.</p> <p>Students who wish to apply will be interviewed for selection. Acceptance into the course will depend on the limited places available and the overall best fit for the student.</p>
Course Content	<p>Students will cover the following topics:</p> <ul style="list-style-type: none"> • Career decision making/planning • Health and Safety in the Workplace • Knowledge of diversity in the Workplace • CV preparation • Practical First Aid
Assessment	Internal: 18
Extra Conditions	<p>Students participating in Gateway will need to complete a First Aid course in the week before school starts.</p> <p>Students may only take one of Primary Industries, Gateway or USkills</p>

USkills – 12USK	
Entry Requirements	Students who wish to apply will be interviewed for selection. Acceptance into the course will depend on the limited places available and the overall best fit for the student.
Course Content	<p>Students apply for entry into the following 1-day courses:</p> <ul style="list-style-type: none"> • Construction • Plumbing, Gasfitting and Drainlaying • Automotive • Collison Repair • ICT Innovation • Mechanical Engineering • Electrical Engineering • Hair, Beauty and Retail • Barbering • Café Skills • Business Administration and Technology • Defence Pathways • Early Childhood • Exercise & Sport
Assessment	Internal: 20+ credits
Extra Conditions	Students may only take one of Primary Industries, Gateway or USkills

Vocational Studies – 12VST**Entry Requirements** Open Entry**Course Content**

Students will cover the following topics:

- Plan future directions
- Explore career options and their implications
- Job Search Skills
- Targeted Personal CV Production
- Communication in a team or group
- Participation in Meetings
- Producing household budgets
- Legal Rights and Responsibilities of Vehicle ownership
- Time Management

Assessment

Internal: 20+