

Connecting Vocational Pathways with School Subjects

a planned approach to careers planning in Years 10, 11, 12, and 13.

Our country needs students who have the core skills and knowledge needed to pursue industry or tertiary courses. There are 6 vocational areas, with subject lists that are going to ensure your learning broadly aligns with a career pathway. Use this information to check if the subjects you are planning to select align with the career pathway you're interested in or with another pathway you might not have considered.

Choose YOUR preferred sector and select 5 subjects within it

Social & Community Services Sector

Types of jobs in this sector: Optometrist, Doctor, Nurse, Teacher, Air Force Technician, Navy Sailor, Army Soldier, Firefighter, Police Officer, Medical Imaging Technologist, Dentist, Counsellor, Social Worker, Clinical Psychologist, Fisheries Officer, Radiation Therapist, Dental Assistant, Occupational Therapist, Corrections Officer, Physiotherapist, Paramedic, Pharmacist, Midwife, Security Guard, Support Worker, Librarian, Dietitian...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Health (UE)
Sport Science (UE)
Food Nutrition (UE)
Senior Social Studies (UE)
Te Reo Māori (UE)
Biology / Chemistry / Physics (UE)
Psychology (UE)
Mathematics (UE)

Gateway
Geography (UE)
Hospitality
Media Studies (UE)
History (UE)
UCOL U-Skills
Physical Education / Fitness in Sport

Construction & Infrastructure Sector

Types of jobs in this sector: Driller, Quarry Worker, Landscape Architect, Engineer, Painter, Plasterer, Building Contractor, Earthmoving Machine Operator, Surveyor, Roofer, Road Marker, Scaffolder, Roding Construction, Traffic Management, Carpenter, Flooring Installer, Brick Layer, Labourer, Cabinet Maker, Concrete Worker, Fencer, Geospatial Specialist, Metal Worker, Line Mechanic, Electrician, Plumber, Crane Operator, Welder, ...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Construction Trades
Engineering (UE)*
Design Visual Communication (UE)
Gateway
Science – Earth & Space (UE)
Geography (UE)
Physics / Chemistry (UE)
Mathematics (UE)

Science
UCOL U-Skills
Physical Education / Fitness for Sport
Business / Accounting (UE)

Subjects marked (UE) are University Entrance accredited, but this depends on the level of achievement in Year 12. This provides a direct link to Year 13 subjects next year. * UE in discussion with the Teacher in Charge (TIC).

Manufacturing & Technology Sector

Types of jobs in this sector: Store Person, Electrical Engineer, Recycler/Dismantler, Aeronautical Engineer, Project Manager, Mechanical Engineer, Test Analyst, Biomedical Technician, Network Administrator, Fabrication Engineer, Lift Technician, Refrigeration Specialist, Telecommunications Engineer, Automotive Electrician, Aircraft Maintenance, Engineer, Printer, Product Assembler, Process Worker, Supply & Purchasing Officer, Saw Doctor, Machinist, Chemist, Brewer, Spray Painter, Patternmaker, Baker, Locksmith, ...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Textiles
 Engineering (UE)*
 Construction Trades
 Gateway
 Design & Visual Communication (UE)
 Digital Technologies (UE)
 Bio / Physics / Chemistry (UE)
 Mathematics (UE)

Science
 UCOL U-Skills
 Business / Accounting / Economics (UE)
 Food & Nutrition (UE)
 Vocational

Primary Industries Sector

Types of jobs in this sector: Farmer, Agricultural or Horticultural Scientist, Ranger, Forest Manager, Biosecurity Officer, Horse Trainer, Vet Nurse, Fishery Officer, Genetics Technician, Winemaker, Fencer, Food Technologist, Fishing Skipper, Logging Worker, Beekeeper, Wool Classer, Orchardist, Microbiologist, Hunter/Trapper, Farm Equipment Sales, Crop Harvester, Consultant / Advisor, Arborist, Herd Manager, Sharemilker, Nursery Grower, Meat/Seafood Process Worker, Shearer, Packhouse Worker, ...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Agriculture & Horticulture (UE)
 Chemistry / Biology (UE)
 Primary Industries (PITO)
 Business / Economics / Accounting (UE)
 Geography (UE)
 Mathematics (UE)

Science
 Construction Trades
 Te Ao Māori (UE)
 Digital technology (UE)
 Design Visual Communication (UE)
 Engineering (UE)*
 Physical Education / Outdoor Adventure /
 Outdoor Leadership

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Services Industries Sector

Types of jobs in this sector: Sports Trainer, Mortgage Broker, Sportsperson, Cafe/Restaurant Manager, Sales & Marketing, Health & Safety Inspector, Retail Sales Assistant, Bus Driver, Real Estate Agent, Meat Processor, Solicitor, Recreational Therapist, Beauty Therapist, Train Driver, Pest Control Technician, Tyre Technician, Chef, Collision Repair Technician, Cleaner, Flight Attendant, Truck Driver, Hairdresser, Barber, Pharmacy Assistant ...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Hospitality	Media Studies
Tourism	Te Ao Māori
Senior Social Studies (UE)	History (UE)
Te Reo Māori (UE)	Art – Paint, Sculpture, Design (UE)
Gateway	Health (UE)
Drama (UE)	Photography (UE)
Business / Accounting / Economics (UE)	Agriculture & Horticulture (UE)
Mathematics (UE)	Outdoor Adventure / Outdoor Leadership
UCOL U-Skills	Vocational
Science / Chemistry (UE)	Physical education / Fitness for Sport / Sport Science (UE)

Creative Industries Sector

Types of jobs in this sector: Curator, Conservator, Television Presenter, Media Producer, Camera Operator, Dancer, Musician, Game Developer, Journalist, Film & Video Editor, Advertising Specialist, Model, Make-up Artist, Production Assistant, Author, Interior Designer, Animator, Photographer, Radio Presenter, Signmaker, Sound Technician, Theatre Manager, Dressmaker, Visual Merchandiser, Artist, Graphic Designer, ...

Sector Related Subjects

Useful

English (compulsory – except Year 13)

Drama (UE)	Media Studies (UE)
Music – Performance (UE)	Te Reo Māori (UE)
Music – Industry	Business / Accounting / Economics (UE)
Tech – Textiles	History (UE)
Photography (UE)	Senior Social Studies (UE)
Art – Painting (UE)	Digital Technology (UE)
Art – Sculpture (UE)	Design Visual Communication (UE)
Art – Design (UE)	Mathematics (UE)
	Physics / Chemistry (UE)

Subjects marked (UE) are University Entrance accredited, but this depends on the level of achievement in Year 12. This provides a direct link to Year 13 subjects next year.



MY SUBJECT SELECTION PLANNER

SUBJECT AREAS	YEAR 9 Add your 4 Option Subjects	YEAR 10 Select 4 Option Subjects	YEAR 11 Select 2-3 Subjects	YEAR 12 Select 5 Subjects	YEAR 13 Select 5 Subjects
LANGUAGES	English	English	English	English	
LANGUAGES					
MATH	Mathematics	Mathematics	Mathematics		MAT / CALC / STATS
SCIENCE	Science	Science	Science	SCI / BIO / CHE / PHY / AGHORT	SCI / BIO / CHE / PHY / AGHORT
SCIENCE			BIO / CHE / PHY	SCI / BIO / CHE / PHY / AGHORT	SCI / BIO / CHE / PHY / AGHORT
SCIENCE				SCI / AGHORT / PRI	SCI / AGHORT / PRI
SOC. SCIENCE	Social Studies	Social Studies		GEO / HIS / SSS / PSY / TOU	GEO / HIS / SSS / PSY / TOU
SOC. SCIENCE				GEO / HIS / SSS / PSY / TOU	GEO / HIS / SSS / PSY / TOU
SOC. SCIENCE COMMERCE				ECO / ACC / BUS	ECO / ACC / BUS
ARTS				ARP / ARS / ARD / PHO / DRA / MUS / MUI	ARP / ARS / ARD / PHO / DRA / MUS / MUI
ARTS					
TECH	CON / ENG / DVC / TTE / DTE / HOS	CON / ENG / DVC / TTE / DTE / HOS	CON / ENG / DVC / FNU / TTE / DTE / HOS	CON / ENG / DVC / FNU / TTE / DTE / HOS	CON / ENG / DVC / FNU / TTE / DTE / HOS
TECH					
PE & HEALTH				SPS / PED / HLT / ODA	SPS / FFS / HLT / ODL
PE & HEALTH				SPS / PED / HLT / ODA	SPS / FFS / HLT / ODL
GATEWAY / PITO	Choose only one course from Gateway, Primary Industries (PITO), and U-Skills. These are 1 Day Off-Site Courses.				
U-SKILLS					
LIFE SKILLS					
					Study

Notes:

Please check the subject selection booklets for pre-requisite entry requirements

Important: Please be aware of the time commitments when signing up to the U-SKILLS programme. This is an additional subject. You still need to complete the classwork you missed while attending UCOL.

University Entrance (UE) Requirements 60 credits at LEVEL 3

- Minimum required 14+ credits, in 3+ approved subjects
Some specific courses require 18 credits per subject (Medicine @ Auckland University)
- UE Literacy (5 Reading and 5 Writing credits) – Attained in Yr12 or Yr13
Different achievement standards have either reading or writing, or both attached to them
- CAA's Numeracy + Literacy – compulsory for any NCEA to be awarded**

PLANNING NOTES / NEXT STEPS: