



THE UNIVERSITY OF
WAIKATO
Te Whare Wānanga o Waikato

UNISTART

2021



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WELCOME TO UNISTART NAU MAI



GET IN TOUCH

If you have any questions about Unistart or want more information about your study options, we're happy to help.

Visit waikato.ac.nz/study/unistart

Unistart Programme Coordinator
unistart@waikato.ac.nz

Future Student Advisors
info@waikato.ac.nz
0800 WAIKATO

If you're a secondary school student, the Unistart programme gives you a head-start in tertiary education by letting you complete university papers while you're still at school.

Not only does the programme offer a stimulating challenge, it boosts confidence and gives insight into what it takes to study at University level. There are more than 40 papers to choose from, many of which are taught online, and completed Unistart papers can be credited towards an undergraduate (bachelors) degree at the University of Waikato.

WHAT DOES A UNISTART PAPER INVOLVE?

Unistart papers are generally run over one trimester and are worth 15 points. The workload is around 8 - 10 hours a week, which can include time watching online lectures, reading online course materials, lab work, working on assignments or preparing for and sitting tests and exams.

ENTRY REQUIREMENTS

Unistart is open to all year 12 and 13 secondary school students who:

- Have met the criteria for discretionary entrance to the University;
- Are between 16 and 20 years old at the start of the Unistart paper, and;
- Have approval from their school.

Note: If you are an international student, your current visa needs to cover tertiary level study. If it does not, you will need to apply for a Variation of Conditions on your visa (VOC) and have this approved by Immigration NZ before you apply for Unistart.

UNISTART SCHOLARSHIP

The University of Waikato Unistart Scholarship covers the cost of up to two Unistart papers. Students will automatically be considered for this scholarship when accepted into the Unistart Programme – no additional application is required.

SCHOLARSHIP ELIGIBILITY CRITERIA

As well as meeting the above entry requirements for Unistart, you will also need:

- NCEA Level 2 or above endorsed with merit or excellence; and
- New Zealand citizenship or permanent residency.

FEES-FREE ELIGIBILITY

The Unistart programme does not affect a student's fees-free eligibility, because it is not considered prior study. See feesfree.govt.nz for more information.

APPLYING IN 3 EASY STEPS

1

GET THE RIGHT ADVICE

Your school career advisor and our Unistart Coordinator can help you select the papers that are best for you. For study advice email unistart@waikato.ac.nz

Note: Before you can apply for Unistart, your school needs to enter into a Unistart Agreement with us. We'll organise this directly with your school so be sure to inform your school career advisor of your plans before you start this process.

2

APPLY TO ENROL

Once you know what papers you want to study and you have received your school's approval to do Unistart, visit waikato.ac.nz/study/unistart to submit an online application to enrol.

3

COMPLETION OF ENROLMENT

If you meet the Unistart Scholarship eligibility criteria (set out in page 2), as well as the programme entry requirements, you will need to select your paper(s). Then you will receive an enrolment agreement with zero fees. Accepting this agreement will give you access to your paper. If you are unsuccessful in meeting the Unistart Scholarship eligibility criteria, but have met the programme entry requirements, your offer will include paper fees. If this is the case, we will get in contact with you to get confirmation that you want to proceed with the enrolment, before we finalise the application.

"Unistart was a huge influence on my decision to study at Waikato University"



ZOE CHAVES

Rototuna Senior High

Bachelor of Engineering (Hons), major Mechanical Engineering

After sitting NCEA Level 3 Mathematics in Year 12, I thought I had to go through my last year in high school without my favourite subject. Then I heard about the Unistart program at Waikato and I knew I had to enrol. Being the first student to do Unistart at my school definitely had its challenges, but I liked the balance between uni and school work. Getting my grades back at the end of each semester was always a nice reminder of how much I could accomplish when I put my mind to it.

In 2019, I was able to complete two math papers - freeing up my timetable in my first year and making the transition from secondary to tertiary much easier. My lecturer even remembered me when I came back as a first-year student!

My positive Unistart experience was a huge influence on my decision to study at Waikato University. I'm currently in my second year of Mechanical Engineering (Hons) and enjoying it immensely.

PAPERS TAUGHT ONLINE

Online Unistart papers allow students to experience studying at the University of Waikato without needing to attend on-campus classes.

Moodle is the primary online learning environment at the University of Waikato. On Moodle, students can watch uploaded lectures, interact with their tutors and access paper specific resources that have been made available by the lecturer.

Most online papers are 100% internally assessed. This means the paper will finish three weeks earlier than the listed Trimester end date (which accounts for study week and our two-week exam period).

If you have questions about a specific online paper, please get in touch with the listed contact person or our Unistart Programme Coordinator at unistart@waikato.ac.nz



ARTS AND SOCIAL SCIENCES

Language in Context

ARTSC105-21B (NET) 15 POINTS

Language in Context is an essential paper for students of a broad range of disciplines where language and communication are a focus. Students are given the tools to examine how human language reflects our histories, our social selves, and our immediate physical contexts. We observe how language is used to reinvent and to reinforce social positioning, to create and to replicate both real and virtual identities. A heightened awareness of the multifunctionality of language, whether spoken, sung, written or texted, enhances our understanding of self and allows us to be more effective communicators.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Julie Barbour,
julie.barbour@waikato.ac.nz

Critical Social Science Research: The Crisis of Climate Change

ARTSC106-21B (NET) 15 POINTS

Human disruption of the climate is perhaps the single most important crisis confronting the planet. This paper is an introduction to critical social science research in Aotearoa New Zealand, and is organised around the case study of climate change.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Patrick Barrett or Priya Kurian
patrick.barrett@waikato.ac.nz
priya.kurian@waikato.ac.nz

COMPUTER SCIENCE

Introduction to Programming

COMPX101-21A (NET) 15 POINTS

This paper introduces computer programming in C# - the exciting challenge of creating software and designing artificial worlds within the computer. It also covers concepts such as the internals of the home computer, the history and future of computers, cyber security, computer gaming, databases, mobile computing and current research and challenges in computer science. No prior programming knowledge is assumed.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Nilesh Kanji,
nilesh.kanji@waikato.ac.nz

DIGITAL LEARNING

Developing Digital Fluency

DLRNG100-21A (NET) 15 POINTS

This paper offers a foundation for students learning to navigate and communicate effectively through digital learning environments. It incorporates purposeful selection of technologies for learning, and digital literacy which includes being able to research, create, evaluate and apply technical skills while doing so.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Dianne Forbes,
dianne.forbes@waikato.ac.nz

ECONOMICS

Business Economics and the New Zealand Economy

ECONS101-21A (SEC) 15 POINTS

This paper offers insights into the behaviour of consumers, firms and the government within the economy, giving students skills in analysing and predicting the actions of individuals and businesses.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Michael Cameron,
michael.cameron@waikato.ac.nz

EDUCATION AND SOCIETY

The New Zealand Educational Context

EDSOC101-21B (NET) 15 POINTS

The paper addresses the educational policies, ideas and processes shaping the educational contexts within which New Zealanders learn and teach.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Pablo Del Monte,
pablo.delmonte@waikato.ac.nz

An Introduction to Children's Literature

LLTED101-21A (NET) 15 POINTS

In this paper we examine children's literature from picture book to novel; from author to illustrator; from history to modern times. The link between children's literature and education is a thread running through the course. Class members will develop a familiarity with a range of genres and concepts linking children's literature and society.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Nicola Daly,
nicola.daly@waikato.ac.nz

Huarahi Matauranga Māori: Historical and Contemporary Approaches to Māori Education

MAOED100-21A (NET) 15 POINTS

This paper examines historical and contemporary approaches in Māori education provision in Aotearoa New Zealand. It explores policies, practices and developments that have impacted on the educational development of Māori.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Katarina Edmonds,
katarina.edmonds@waikato.ac.nz

ENGINEERING

Engineering Maths and Modelling 1A

ENGEN101-21A (NET)

15 POINTS

A study of the fundamental techniques of algebra and calculus with engineering applications. This is the first of two engineering mathematics papers at first year level.

Note: these papers cover similar content to MATHS101 and MATHS102 but may be more suitable for students with engineering intentions.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite: 16 credits at Level 3 in NCEA Calculus; or equivalent.

Online applications close: 19 February 2021

Contact Person: Ian Hawthorn,

ian.hawthorn@waikato.ac.nz

Engineering Maths and Modelling 1B

ENGEN102-21B (NET)

15 POINTS

A further study of the fundamental techniques of algebra and calculus with engineering applications. Includes an introduction to relevant statistical methods. This is the second of two engineering mathematics papers at first year level. These papers cover similar content to MATHS101 and MATHS102 but may be more suitable for students with engineering intentions.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite: ENGEN101.

Online applications close: 2 July 2021

Contact Person: Ian Hawthorn,

ian.hawthorn@waikato.ac.nz

GEOGRAPHY

People and Place

GEOGY101-21B (NET)

15 POINTS

An introduction to the rich field of social and cultural geography with links to the UNDP Sustainable Development Goals. A foundation paper for second year papers on contemporary cultural geographies, health geographies, and Māori geographies.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Lynda Johnston,

lynda.johnston@waikato.ac.nz

HEALTH, SPORT AND HUMAN PERFORMANCE

Understanding Hauora, Health and Wellbeing

CMYHE101-21A (NET)

15 POINTS

This paper examines a social determinants approach to Health. It includes exploration of a range of interactions that influence the health of populations and determinants of health in New Zealand and global contexts.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Courtney Kelly,

courtney.kelly@waikato.ac.nz

Sport, Culture and Development: Trends and Issues

SDCOA101-21B (NET) 15 POINTS

In this paper students will gain an introduction to sociological understandings of sport and movement cultures. They will develop new ways of critically thinking about the important role sport plays in contemporary society, including the economy, politics, tourism, the media, and our sense of identity, belonging and community. Students will be introduced to a range of sociological concepts - including history, sociology, social psychology, philosophy - from a sport development perspective, and learn how to apply these to local, national and international sporting contexts.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Courtney Kelly,
courtney.kelly@waikato.ac.nz

HUMAN DEVELOPMENT

Lifespan Development

HMDEV100-21B (NET) 15 POINTS

This paper focuses on understanding and enhancing human development through an exploration of biological, psychological, social and cultural factors that influence patterns of development and learning over the lifespan.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Sonja Ellis,
sonja.ellis@waikato.ac.nz

INTERNATIONAL LANGUAGES AND CULTURES

Intermediate Spanish 1

SPNSH231-21A (NET) 15 POINTS

This intermediate language acquisition paper enables students to gain competence in grammar and conversation as well as in Spanish and Latin American cultures and conversation. This course aims to improve students' proficiency in both written and spoken Spanish and it takes students to level B1 of the Common European Framework of References for Languages.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

14 credits at Level 3 in NCEA Spanish, or equivalent.

Online applications close: 19 February 2021

Contact Person: Maria Ble-Herrero,
maria.ble-herrero@waikato.ac.nz

Intermediate Spanish 2

SPNSH232-21B (NET) 15 POINTS

This paper is a continuation of SPNSH231. Students further develop skills in reading, writing, speaking and understanding Spanish. There is a focus on practical work, as well as written and spoken Spanish. This course aims to improve students' proficiency in both written and spoken Spanish and takes students to level B2 of the Common European Framework of References for Languages.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite: SPNSH231, or equivalent.

Online applications close: 2 July 2021

Contact Person: Maria Ble-Herrero,
maria.ble-herrero@waikato.ac.nz

International Languages and Cultures

INTLC101-21G (NET)

15 POINTS

A cultural perspectives paper with a thematic focus on China, France, Japan, Spain and Latin America.

Teaching dates: G teaching period (15 Nov – 21 Dec)

Entry: You must meet the entry requirements of Unistart

Online applications close: 5 November 2021

Contact Person: Maria Galikowsky,
maria.galikowski@waikato.ac.nz

European and Latin American Cultures: Tradition and Modernity

INTLC222-21A (NET)

15 POINTS

This paper explores aspects of European and Latin American cultures, history and society. This paper is taught in English and is open to all students, including those who have no prior knowledge of French and Spanish.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite: INTLC101

Online applications close: 19 February 2021

Contact Person: Laura Lopez-Fernandez,
laura.lopez-fernandez@waikato.ac.nz

LANGUAGE AND LITERACY EDUCATION

Writing for Academic Success

WRITE100-21A (NET)

WRITE100-21B (NET)

15 POINTS

The paper gives opportunities for undergraduate students to develop their academic literacy skills.

It begins with general academic communication and research skills and then embeds academic literacy practice within disciplines of study.

Teaching dates: WRITE100-21A (NET):
A Trimester (1 Mar – 25 Jun)

Online applications close: 19 February 2021

Teaching dates: WRITE100-21B (NET): B
Trimester (12 Jul – 5 Nov)

Online applications close: 2 July 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Laura Gurney,
laura.gurney@waikato.ac.nz

LAW

Introduction to New Zealand Law and Society

LEGAL105-21A (NET)

LEGAL105-21C (NET)

15 POINTS

An introduction for non-lawyers to the nature and functions of law and the processes of lawmaking. The relationship between law and society will be illustrated by relevant examples.

Teaching dates: LEGAL105-21A (NET):

A Trimester (1 Mar – 25 Jun)

Online applications close: 19 February 2021

Teaching dates: LEGAL105-21C (NET):

C Trimester (15 Nov – 18 Feb 2022)

Online applications close: 5 November 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Marie Were,

marie.were@waikato.ac.nz

MĀORI AND INDIGENOUS STUDIES

He Hinātore ki te Ao Māori: Introducing the Māori World

MĀORI102-21A (NET)

MĀORI102-21B (NET)

15 POINTS

An introduction to the Māori world view, social organisation, cultural concepts, including Māori astronomy, and their relevance in a contemporary society.

Teaching dates: MĀORI102-21A (NET):

A Trimester (1 Mar – 25 Jun)

Online applications close: 19 February 2021

Teaching dates: MĀORI102-21B (NET):

B Trimester (12 Jul – 5 Nov)

Online applications close: 2 July 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Nikki Kennedy,

nikki.kennedy@waikato.ac.nz

MĀORI LANGUAGE/TE REO MĀORI

Te Reo Māori: Intermediate 2

MĀORI212-21A (SEC)

15 POINTS

This paper develops further language skills required in Māori for communication about feelings, emotions, and describing the weather.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite: MĀORI211, or equivalent.

Online applications close: 19 February 2021

Contact Person: Hōri Manuirirangi,

hori.manuirirangi@waikato.ac.nz

MATHEMATICS

Introduction to Calculus

MATHS101-21A (NET) 15 POINTS

A study of the fundamental techniques of calculus, including differentiation and integration for functions of one real variable, with applications to rate problems, graph sketching, areas and volumes.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

16 credits of NCEA Level 3 Calculus including at least 11 credits from AS91577, AS91578 and AS91579; or equivalent.

Online applications close: 19 February 2021

Contact Person: Woei Chet Lim,
woeichet.lim@waikato.ac.nz

Introduction to Algebra

MATHS102-21B (NET) 15 POINTS

A study of the fundamental techniques and applications of algebra including Gaussian elimination, vector and matrix algebra, complex numbers, induction and recursion.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

16 credits of NCEA Level 3 Calculus; or equivalent.

Online applications close: 2 July 2021

Contact Person: Woei Chet Lim,
woeichet.lim@waikato.ac.nz

Discrete Structures

MATHS135-21B (NET) 15 POINTS

An introduction to a number of the structures of discrete mathematics with wide applicability in areas such as: computer logic, analysis of algorithms, telecommunications, networks and public key cryptography. In addition, it introduces a number of fundamental concepts which are useful in Statistics, Computer Science and further studies in Mathematics. Topics covered are: sets, binary relations, directed and undirected graphs; propositional and some predicate logic; permutations, combinations, and elementary probability theory; modular arithmetic.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

16 credits in NCEA Level 3 Mathematics.

Online applications close: 2 July 2021

Contact Person: Woei Chet Lim,
woeichet.lim@waikato.ac.nz

Introduction to Statistical Methods

STATS121-21A (NET) 15 POINTS

An introduction to statistical data collection and analysis. Topics include general principles for statistical problem solving; some practical examples of statistical inference; and the study of relationships between variables using regression analysis.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

18 credits in NCEA Level 2 Mathematics or 14 credits in NCEA Level 3 Statistics, Calculus or Mathematics.

Online applications close: 19 February 2021

Contact Person: Paul Brown
paul.brown@waikato.ac.nz

MUSIC

Composition 1

MUSIC115-21B (NET)
15 POINTS

The development of creative musical skills and techniques based on classical and popular idioms; song writing; melody writing; thematic development; harmonic understanding; two-part counterpoint. Computer technology will be used as a composition and publishing tool.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Michael Williams,
michael.williams@waikato.ac.nz

Audio Tech: Communication and Creativity

MUSIC140-21A (NET)
15 POINTS

This paper is an introduction to DAWs (Digital Audio Workstations); the creation of original musical works based on computer technology; basic recording and editing techniques; fundamental music studio knowledge; historical, aesthetic and theoretical elements.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Michael Williams,
michael.williams@waikato.ac.nz

PHILOSOPHY

Critical Thinking

PHILO103-21A (NET)
PHILO103-21G (NET)
15 POINTS

This paper helps students to engage critically with the sorts of arguments encountered both inside and outside the University.

Teaching dates: PHILO103-21A (NET):
A Trimester (1 Mar – 25 Jun)

Online applications close: 19 February 2021

Teaching dates: PHILO103-21G (NET):
G teaching period (15 Nov – 21 Dec)

Online applications close: 5 November 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Justine Kingsbury,
justine.kingsbury@waikato.ac.nz

Social and Moral Philosophy

PHILO106-21A (NET)
15 POINTS

An investigation of contemporary moral and social issues from a practical ethics perspective. Issues may include abortion, animal welfare, discrimination, euthanasia, freedom of speech, genetic enhancement, privacy, punishment, and your online life.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Liezl van Zyl,
liezl.vanzyl@waikato.ac.nz

POLITICAL SCIENCE

Introduction to International Relations

IRSST103-21A (NET)

15 POINTS

This paper provides an introduction to the study of international relations in an era of globalisation. It covers the historical background, key concepts and theories, case studies, and contemporary developments in the study of world politics.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Reuben Steff,
reuben.steff@waikato.ac.nz

Let's Get Political

POLSC103-21A (NET)

15 POINTS

Politics affects every aspect of our lives. This paper is an introduction to understanding political issues, helping you make your voice heard in debates about our future as a society.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Justin Phillips or Olli Hellmann,
justin.phillips@waikato.ac.nz
olli.hellmann@waikato.ac.nz

SCREEN AND MEDIA

Understanding Visual Culture

MEDIA100-21A (NET)

15 POINTS

Our lives are dominated by still and moving images and visual technologies. This paper will constitute an important first step in learning to understand how images variously work to convey ideas, their impact and influence on our behaviour, thinking and culture. It draws on a broad theoretical platform from aesthetics, art history, psychology of perception, social semiotics and more to provide skills in analysis, interpretation, and construction.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

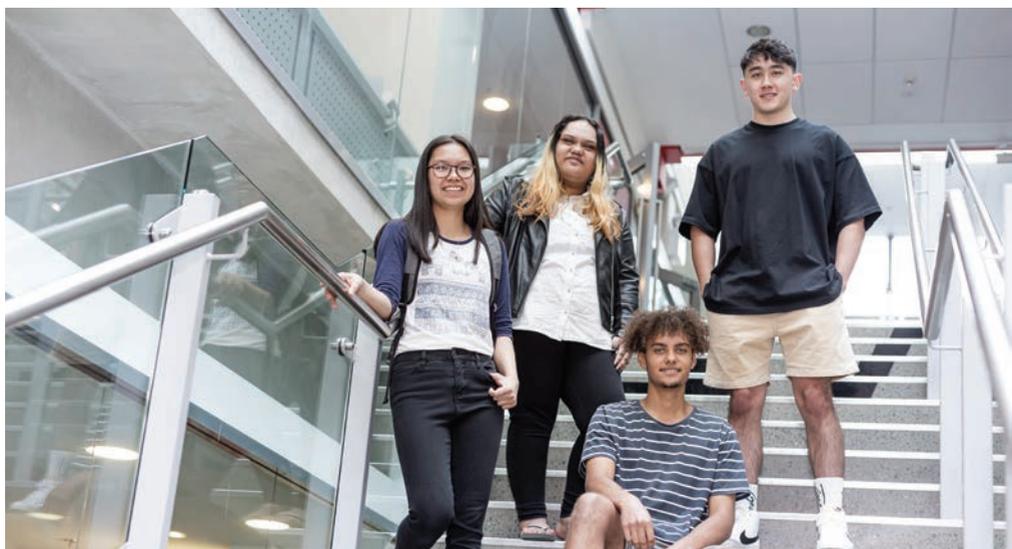
Contact Person: Gareth Schott,
gareth.schott@waikato.ac.nz

PAPERS TAUGHT ON CAMPUS

For most of our on-campus papers, Unistart students attend lectures, tutorials or labs and complete the same assessments as other University of Waikato students enrolled in the paper.

In the case of our on-campus mathematics and science papers, elements may be taught in conjunction with a secondary school where suitable staff and facilities are available. If you have questions about a specific on-campus paper, please get in touch with the listed contact person or our Unistart Programme Coordinator on unistart@waikato.ac.nz

Please **Note**: all papers listed below are taught at the University of Waikato Hamilton campus unless otherwise stated.



ARTS AND SOCIAL SCIENCES

Rights and Reason

ARTSC103-21A (HAM)

ARTSC103-21A (TGA)

15 POINTS

Students will develop critical thinking skills by reasoning about human rights. Issues include rights-protection in difficult circumstances, who bears responsibility for protecting human rights, and armed intervention and torture in the name of human rights.

Teaching dates: ARTSC103-21A (HAM):

A Trimester (1 Mar – 25 Jun)

Online applications close: 19 February 2021

Teaching dates: ARTSC103-21A (TGA): A

Trimester (1 Mar – 25 Jun)

Delivered: University of Waikato Tauranga campus

Online applications close: 19 February 2021

Entry: You must meet the entry requirements of Unistart.

Contact Person: Nick Munn,

nick.munn@waikato.ac.nz

COMPUTER SCIENCE

Introduction to Programming

COMPX101-21B (HAM)

15 POINTS

This paper introduces computer programming in C# - the exciting challenge of creating software and designing artificial worlds within the computer. It also covers concepts such as the internals of the home computer, the history and future of computers, cyber security, computer gaming, databases, mobile computing and current research and challenges in computer science. No prior programming knowledge is assumed.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Nilesh Kanji,

nilesh.kanji@waikato.ac.nz

Object-Oriented Programming

COMPX102-21B (HAM)

15 POINTS

This paper continues from COMPX101, expanding upon data organisation and algorithms, and introducing code contracts, computer architecture, Boolean algebra, assembly language, program analysis and object-oriented programming.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should normally have completed the following prerequisite paper: COMP103/COMPX101, or have relevant computing experience subject to Chairperson's approval.

Online applications close: 2 July 2021

Contact Person: David Bainbridge,

david.bainbridge@waikato.ac.nz

ENGLISH

Telling the Story

ENGL100-21A (HAM)

15 POINTS

This paper examines the deep stories which are at the core of the English literary tradition and the wider Western canon, with examples from the epic of Gilgamesh to Star Wars IV: A New Hope.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Mark Houlahan,
mark.houlahan@waikato.ac.nz

GEOGRAPHY

Environment and Society

GEOGY103-21A (HAM)

15 POINTS

A critical exploration of intersections between human society and the environment. The course explores the ways in which different views and attitudes influence human interactions with the environment. Key themes include governance, management and development, which are addressed through issues such as climate change, population growth and resource use. Lectures and laboratory classes provide students with an introduction to case studies from New Zealand and overseas.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Colin McLeay,
colin.mcleay@waikato.ac.nz

INTERNATIONAL LANGUAGES AND CULTURES

Intermediate Spanish 1

SPNSH231-21A (HAM)

15 POINTS

This intermediate language acquisition paper enables students to gain competence in grammar and conversation as well as in Spanish and Latin American cultures and conversation. This course aims to improve students' proficiency in both written and spoken Spanish and it takes students to level B1 of the Common European Framework of References for Languages.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

14 credits at Level 3 in NCEA Spanish, or equivalent.

Online applications close: 19 February 2021

Contact Person: Maria Ble-Herrero,
maria.ble-herrero@waikato.ac.nz

Intermediate Spanish 2

SPNSH232-21B (HAM)

15 POINTS

This paper is a continuation of SPNSH231. Students further develop skills in reading, writing, speaking and understanding Spanish. There is a focus on practical work, as well as written and spoken Spanish. This course aims to improve students' proficiency in both written and spoken Spanish and takes students to level B2 of the Common European Framework of References for Languages

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

SPNSH231, or equivalent.

Online applications close: 2 July 2021

Contact Person: Maria Ble-Herrero,
maria.ble-herrero@waikato.ac.nz

International Languages and Cultures

INTLC101-21B (HAM)

15 POINTS

This paper introduces students to major world cultures and their languages in a comparative context. Students will gain a critical understanding of culture and diversity through examining the languages and cultures of China, France, Japan, Spain and Latin America.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Maria Galikowsky,
maria.galikowski@waikato.ac.nz

MUSIC

Secondary Performance Studies 1

MUSIC101-21D (HAM)

15 POINTS

Students develop musical interpretation and technical skills in their chosen instrument/voice through weekly individual lessons and broaden their repertoire knowledge and performance opportunities at Friday performance hour sessions.

Teaching dates: D Trimester (1 Mar – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students must meet the following:

Entry is subject to a successful audition and is at the discretion of the Chamber Music Coordinator.

Online applications close: 19 February 2021

Contact Person: James Tennant,
james.tennant@waikato.ac.nz

Note: This paper can be completed outside of school hours.

Chamber Music 1

MUSIC121-21D (HAM)

15 POINTS

This paper provides practical experience and development in a variety of chamber music formations, sonata duo, piano duet, piano trio, string quartet, vocal ensemble, as well as orchestral and choral practice, and, for keyboard players, continuo and accompanying skills.

Teaching dates: D Trimester (1 Mar – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students must meet the following:

Entry is subject to a successful audition and is at the discretion of the Chamber Music Coordinator.

Online applications close: 19 February 2021

Contact Person: James Tennant,
james.tennant@waikato.ac.nz

Note: This paper can be completed outside of school hours.

SCIENCE

Chemistry

Structure and Spectroscopy

CHEMY101-21A (HAM)

15 POINTS

A theoretical and practical course covering aspects of analytical and inorganic chemistry. This course is required for the chemistry major.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart. In addition, students should meet the following prerequisite:

University entry and 16 credits in NCEA chemistry at level 3

Online applications close: 19 February 2021

Contact Person: Bill Henderson,
bill.henderson@waikato.ac.nz

Chemical Reactivity

CHEMY102-21B (HAM) 15 POINTS

A theoretical and practical course covering aspects of physical and organic chemistry. This course is required for the chemistry major.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart. In addition, students should normally meet the following prerequisite:

University entry and 16 credits in NCEA chemistry at level 3

Online applications close: 2 July 2021

Contact Person: Marilyn Manley-Harris,
merilyn.manley-harris@waikato.ac.nz

Earth Sciences

Introduction to Earth System Sciences

EARTH101-21B (HAM) EARTH101-21B (TGA) 15 POINTS

A lecture and laboratory paper that explores the interacting processes that affect the surface of the Earth, producing landforms and resources, with a focus on physical processes. Topics covered include coastal processes and hazards; climate change; weathering; erosion and mass movement; soil formation; the hydrological cycle; rivers and groundwater; and glaciers. This paper includes a weekend field trip.

Teaching dates: EARTH101-21B (HAM)
B Trimester (12 Jul – 5 Nov)

Online applications close: 2 July 2021

Teaching dates: EARTH101-21B (TGA)
B Trimester (12 Jul – 5 Nov)

Delivered: University of Waikato Tauranga Campus

Online applications close: 2 July 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Hazel Needham (Hamilton) or Shari Gallop (Tauranga)

hazel.needham@waikato.ac.nz

shari.gallop@waikato.ac.nz

Discovering Planet Earth

EARTH102-21A (HAM) 15 POINTS

This paper explores the Earth's interior and its dynamic interaction with the crust, including: the major rocks and minerals; interpreting the rock record and geologic maps; the geological time scale and fossils; plate tectonics; volcanism; earthquakes.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Adrian Pittari,
adrian.pittari@waikato.ac.nz

Ecology and Biodiversity

Concepts of Biology

BIOEB101-21A (HAM) 15 POINTS

An introduction to the foundations of biology, including the structure and functioning of cells, evolution, the origins and diversity of life, and a tour of the major forms of life and their defining characteristics.

Teaching dates: A Trimester (1 Mar – 25 Jun)

Entry: You must meet the entry requirements of Unistart

Online applications close: 19 February 2021

Contact Person: Ian McDonald,
ian.mcdonald@waikato.ac.nz



“Having this experience helped make the transition easier”

JIALAN CAMPBELL-LUO

Tauranga Boys College

Bachelor of Business, major Accounting

Doing the Unistart papers helped to keep me engaged in Year 13 and I found that it gave me an edge in my end of year exams, particularly for NZQA scholarships. Now that I have left college, I work full time at an accounting firm

and have to balance this with my study. Having an early experience with university through Unistart has helped to make this transition easier, and has sped along my degree by a whole semester.

Introduction to Ecology and Biodiversity

BIOEB102-21B (HAM)

BIOEB102-21B (TGA)

15 POINTS

An introduction to the principles of ecology and biodiversity. Topics include population; community and ecosystem ecology; conservation biology; and the structure; functioning and environmental responses of animals and plants. Examples will include New Zealand ecosystems and biota.

Teaching dates: BIOEB102-21B (HAM)

B Trimester (12 Jul – 5 Nov)

Online applications close: 2 July 2021

Teaching dates: BIOEB102-21B (TGA)

B Trimester (12 Jul – 5 Nov)

Delivered: University of Waikato Tauranga campus

Online applications close: 2 July 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Mike Clearwater,
mike.clearwater@waikato.ac.nz

Environmental Science

Environmental Science

ENVSC101-21A (TGA)

ENVSC101-21B (HAM)

15 POINTS

A scientific study of the interaction between humans and the environment including climate change, utilisation and exploitation of natural resources and the effects of human activities on biological, chemical and physical processes that form resources and control ecosystems.

Teaching dates: ENVSC101-21A (TGA)

A Trimester (1 Mar – 25 Jun)

Delivered: University of Waikato Tauranga Campus

Online applications close: 19 February 2021

Teaching dates: B Trimester (12 Jul – 5 Nov)

Online applications close: 2 July 2021

Entry: You must meet the entry requirements of Unistart

Contact Person: Ian Hawes,
ian.hawes@waikato.ac.nz

Molecular and Cellular Biology

Introduction to Cellular and Molecular Biology

BIOMO101-21B (HAM)

15 POINTS

An introduction to the central concepts of Molecular and Cellular Biology, including the ultrastructure and function of cells, the biochemical processes involved, and the role of DNA in cellular function, inheritance and evolution.

Teaching dates: B Trimester (12 Jul – 5 Nov)

Entry: You must meet the entry requirements of Unistart

Online applications close: 2 July 2021

Contact Person: Vic Arcus,
vic.arcus@waikato.ac.nz



"The Unistart programme helped me prepare for the future"

EHIRI BARRETT

Ngā Taiātea Wharekura

Bachelor of Laws, double major Te Reo Māori and Law

I grew up attending Kura Kaupapa and then Wharekura. I chose to do the Unistart Programme to test the waters in mainstream education. While participating in Unistart, I learned about time management, which was essential as juggling the Unistart papers and my school work wasn't easy. But using Moodle, having access to resources, and having online support was a huge help.

Unistart provided me with an advantage and a chance to learn more about the degree I wanted to pursue, making sure it was the right choice for me. I have just completed my first year in the Bachelor of Laws Degree, majoring in Law and Te Reo Māori.

Mā te huruhuru ka rere te manu. By gaining knowledge and new skills, the Unistart Programme helped me prepare for the future.

PAPER SUMMARY

ONLINE Subject	Paper Title	TRIMESTER				
		A	B	G	C	D
Arts and Social Sciences	ARTSC105-21B (NET) Language in Context		•			
	ARTSC106-21B (NET) Critical Social Science Research: The Crisis of Climate Change		•			
Computer Science	COMPX101-21A (NET) Introduction to Programming	•				
Digital Learning	DLRNG100-21A (NET) Developing Digital Fluency	•				
Economics	ECONS101-21A (SEC) Business Economics and the New Zealand Economy	•				
Education and Society	EDSOC101-21B (NET) The New Zealand Educational Context		•			
	LLTED101-21A (NET) an Introduction to Children's Literature	•				
	MAOED100-21A (NET) Huarahi Matauranga Māori: Historical and Contemporary Approaches to Māori Education	•				
Engineering	ENGEN101-21A (NET) Engineering Maths and Modelling 1A	•				
	ENGEN102-21B (NET) Engineering Maths and Modelling 1B		•			
Geography	GEOGY101-21B (NET) People and Place		•			
Health, Sport and Human Performance	CMYHE101-21A (NET) Understanding Hauora, Health and Wellbeing	•				
	SDCOA101-21B (NET) Sport, Culture and Development: Trends and Issues		•			
	HMDEV100-21B (NET) Lifespan Development		•			
International Languages and Cultures	SPNSH231-21A (NET) Intermediate Spanish 1	•				
	SPNSH232-21B (NET) Intermediate Spanish 2		•			
	INTLC101-21G (NET) International Languages and Cultures			•		
	INTLC222-21A (NET) European and Latin American Cultures: Tradition and Modernity	•				
Language and Literacy Education	WRITE100-21 (NET) Writing for Academic Success	•	•			
Law	LEGAL105-21 (NET) Introduction to New Zealand Law and Society	•			•	
Māori and Indigenous Studies	MĀORI102-21 (NET) He Hinātore kit e Ao Māori: Introducing the Māori World	•	•			
	MĀORI212-21A (SEC) Te Reo Māori: Intermediate 1	•				
Mathematics	MATHS101-21A (HAM) Introduction to Calculus	•				
	MATHS102-21B (HAM) Introduction to Algebra		•			
	MATHS135-21B (HAM) Discrete Structures		•			
	STATS121-21A (HAM) Introduction to Statistical Methods	•				
Music	MUSIC115-21B (NET) Composition 1		•			

	MUSIC140-21A (NET) Audio Tech: Communication and Creativity	•			
Philosophy	PHILO103-21 (NET) Critical Thinking	•	•		
	PHILO106-21A (NET) Social and Moral Philosophy	•			
Political Science	IRSST103-21A (NET) Introduction to International Relations	•			
	POLSC103-21A (NET) Let's Get Political	•			
Screen and Media	MEDIA100-21A (NET) Understanding Visual Media	•			

HAMILTON CAMPUS

TRIMESTER

Subject	Paper Title	A	B	G	C	D
Arts and Social Sciences	ARTSC103-21A (HAM) Rights and Reason	•				
Computer Science	COMPX101-21B (HAM) Introduction to Programming		•			
	COMPX102-21B (HAM) Object-Oriented Programming		•			
English	ENGLI100-21A (HAM) Telling the Story	•				
Geography	GEOGY103-21A (HAM) Environment and Society	•				
International Languages and Cultures	SPNSH231-21A (HAM) Intermediate Spanish 1	•				
	SPNSH232-21B (HAM) Intermediate Spanish 2		•			
	INTLC101-21B (HAM) International Languages and Cultures		•			
Music	MUSIC101-21D (HAM) Secondary Performance Studies 1					•
	MUSIC121-21D (HAM) Chamber Music 1					•
Science	CHEMY101-21A (HAM) Structure and Spectroscopy	•				
	CHEMY102-21B (HAM) Chemical Reactivity		•			
	EARTH101-21B (HAM) Introduction to Earth System Sciences		•			
	EARTH102-21A (HAM) Discovering Planet Earth	•				
	BIOEB101-21A (HAM) Concepts of Biology	•				
	BIOEB102-21B (HAM) Introduction to Ecology and Biodiversity		•			
	ENVSC101-21B (HAM) Environmental Science		•			
	BIOMO101-21B (HAM) Introduction to Cellular and Molecular Biology		•			

TAURANGA CAMPUS

TRIMESTER

Subject	Paper Title	A	B	G	C	D
Arts and Social Sciences	ARTSC103-21A (TGA) Rights and Reason	•				
Science	EARTH101-21B (TGA) Introduction to Earth System Sciences		•			
	BIOEB102-21B (TGA) Introduction to Ecology and Biodiversity		•			
	ENVSC101-21A (TGA) Environmental Science	•				

ENROLMENT AND STUDY INFORMATION

PAPER COSTS

To find out which each Unistart paper costs, click on the individual paper codes online at waikato.ac.nz/study/unistart. Remember if you receive the Unistart Scholarship, these costs will be fully covered. For information on how to pay, visit waikato.ac.nz/go/pay

ACCESS TO RESOURCES AND STUDENT ID CARDS

Once your enrollment is complete, you'll get an email with your student login details and instructions to access our online learning resources. If you haven't received this email before teaching starts, contact our Unistart Coordinator at unistart@waikato.ac.nz

To get your student ID card, you can either send a passport-size colour photo to idcards@waikato.ac.nz (include your student ID number in the email) or have your photo taken at the Student Centre on the Hamilton campus. Your ID card gives you access to campus printers and computer labs and you also need it to collect assignments and sit exams.

PAPER DELIVERY

Unistart papers are taught either online or on-campus. Before you apply for an on-campus paper, make sure you can attend classes in person at the scheduled times.

ASSESSMENTS

Unistart papers often combine internal and external assessments. Check the assessment details in the paper outline.

Final exams are held at the University of Waikato Hamilton and Tauranga campuses. If you don't live near either of these locations, you can arrange to sit your exam at your school or at a local tertiary education provider. Contact the Unistart Coordinator at unistart@waikato.ac.nz to make alternative exam arrangements.

STUDENT SERVICES

We're here to help you get the advice and support you need to make sure your Unistart experience is successful. Our student services include tutoring, mentoring, IT support and health services. For a full rundown of what we offer, visit waikato.ac.nz/go/student-services

LIBRARY

Get your studies off to a great start. Learn how to find quality academic material for your assignments, how to reference correctly, navigate your library account and more, visit waikato.ac.nz/library

WITHDRAWING FROM PAPERS

If you need to withdraw from a Unistart paper, the best time to do this is in the first two weeks of trimester. During this time, you'll get a refund of fees (if you didn't receive the Unistart scholarship) and nothing will appear on your academic transcript. After two weeks, you won't receive a full refund and you'll get a 'withdrawn' (WD) or 'incomplete' (IC) notice on your academic transcript. To withdraw, please submit a request to the Unistart Coordinator at unistart@waikato.ac.nz explaining why you wish to do so.

GRADE AND RESULT NOTIFICATIONS

You can access your final grades and results at my.waikato.ac.nz four weeks after the end of trimester. You'll also receive a notification of your results via email.

Visit waikato.ac.nz/go/grades to see our grading scale. For other grading rules and regulations visit calendar.waikato.ac.nz. To request an academic transcript, visit waikato.ac.nz/go/transcript



GET IN TOUCH

If you have any questions about Unistart or want more information about your study options, we're happy to help.

Visit waikato.ac.nz/study/unistart

Unistart Programme Coordinator
unistart@waikato.ac.nz

Future Student Advisors
info@waikato.ac.nz
0800 WAIKATO

IMPORTANT DATES

EVENT	DATE
Final deadline for schools to return signed Unistart Agreement to the University	5 February 2021
Last date for Enrolment Applications for A Trimester	19 February 2021
A AND D TRIMESTERS START	1 MARCH 2021
Last date for fee-paying students to withdraw from papers for A and D Trimesters and get a full refund of fees	14 March 2021
Last date to withdraw from papers for A and D Trimester (no refund for fee-paying students)	11 April 2021
A TRIMESTER ENDS	25 JUNE 2021
Last date for Enrolments Applications for B Trimester	2 July 2021
B TRIMESTER STARTS	12 JULY 2021
Last date for fee-paying students to withdraw from papers for B Trimester and get a full refund of fees	25 July 2021
Last date to withdraw from papers for B Trimester (no refund for fee-paying students)	22 August 2021
Last date for Enrolment Applications for G papers	5 November 2021
Last date for Enrolment Applications for C Trimester	5 November 2021
B AND D TRIMESTERS END	5 NOVEMBER 2021
C TRIMESTER AND G PAPERS STARTS	15 NOVEMBER 2021
Last date for fee-paying students to withdraw from papers for G papers and C Trimesters and get a full refund of fees	28 November 2021
Last date to withdraw from G papers and C Trimester papers (no refund for fee-paying students)	5 December 2021
G PAPERS END	20 DECEMBER 2021
C TRIMESTER ENDS	18 FEBRUARY 2022



"I am super glad I took the Unistart course"

JODY BAM

Cambridge High School

Bachelor of Engineering (Hons), major Mechatronics Engineering

I am grateful that the Unistart Programme exists, as it gave me a solid introduction to the contents of my university study as well as university life as a whole. It allowed me to have a general heads-up as to how things worked at university and also gave me the opportunity to make some mates.

I can't imagine what my first year would have been like without the addition of my Unistart paper, as I would have really struggled during one of my first papers in my Bachelor of Engineering (Hons), especially in my electronics and mechanics paper. I am super glad that I took the Unistart course.



THE UNIVERSITY OF
WAIKATO
Tē Whare Wānanga o Waikato

FOR THE PEOPLE
KO TE TANGATA

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