



THE UNIVERSITY OF  
**WAIKATO**  
*Te Whare Wānanga o Waikato*

## Foundation Studies

Study at Waikato Pathways College, New Zealand



2012

# Foundation Studies

*Foundation Studies at the University of Waikato is a two-semester, full-time pre-degree academic programme. It is specifically designed to prepare high school graduates from backgrounds where English is an additional language, for degree study.*

A successful graduate of Foundation Studies will achieve the Certificate of Attainment in Foundation Studies, which is a university entrance qualification recognised by all New Zealand universities and widely accepted by Australian universities.

## FOUNDATION STUDIES PROGRAMME REQUIREMENTS

Students will study eight courses. There are three compulsory courses.

### Foundation Studies (Pre-University)

**Duration:** Two Semesters (4 papers in each semester)

#### Intakes:

February	13 weeks – 4 courses
July	13 weeks – 4 courses
November	2 x 6* weeks – 4 courses

\* Two weeks holiday over Christmas.

**Qualification:** Certificate of Attainment in Foundation Studies

### Classes and Assessment

Each subject or paper held in A, B or C Semester has five hours of class time per week. Total class time is 20 hours per week with a further 20 hours to be spent on homework and revision. Classes are scheduled between 8am and 6pm, Monday to Friday.

Papers with T (November) or S (January) codes will be taught for 11 hours per week over six weeks.

Foundation Studies classes generally have up to 25 students per tutorial/class.



## ACCELERATE FOUNDATION STUDIES

### Finish in Eight Months

If you start in July or November you can finish Foundation Studies at Waikato University in eight months. You will still study eight papers in two semesters.

Foundation Studies is taught here on the university main campus where you have access to all the services and facilities of the university. You can mix with university students from all over the world studying in a range of disciplines in bachelor degrees, master degrees or PhD study. You will enjoy learning from experienced, well qualified teachers. From time to time students have guest lectures from university professors.

There are three compulsory English courses and a range of other subjects you can choose depending on your intended major. In many of the courses you will mix with New Zealand students as well as students from around the world.

## INTERNATIONAL STUDENTS

The University of Waikato has agreed to observe and be bound by the Code of Practice for the Pastoral Care of International Students published by the Minister of Education. Copies of the Code are available on request from this institution or from the New Zealand Ministry of Education website at [www.minedu.govt.nz](http://www.minedu.govt.nz) For further information on studying at Waikato as an International student, please refer to [www.waikato.ac.nz/international](http://www.waikato.ac.nz/international)

## ENTRY REQUIREMENTS

To be eligible to apply for Foundation Studies, you must:

- » Be 16 years of age or over
- » Have completed secondary school study, equivalent to New Zealand Year 12, OR
- » Have a secondary school completion qualification from your country of origin

AND

- » Have an IELTS score 5.5 or above (it is strongly recommended that you have a score of at least 5 in each of the four bands); or a paper-based TOEFL score of 525; (or a computer-based TOEFL score of 197 or above) OR
- » Students who have successfully completed Level 6 of the Certificate of Attainment in English Language with a B grade average at the University of Waikato Pathways College.

Please check the minimum entry requirements for your country at: [www.waikato.ac.nz/pathways/programmes/foundation/entry.shtml](http://www.waikato.ac.nz/pathways/programmes/foundation/entry.shtml)

## Papers Offered

### COMPULSORY PAPERS

#### First Semester

##### English for Foundation Studies Part 1: CAFS001 **A, B & C**

This paper will develop your academic reading and writing skills in preparation for undergraduate study.

##### Language and Learning Skills: CAFS003 **A, B & C**

This paper will provide you with language skills development in the areas of listening, reading, writing and speaking. The emphasis is on assignment writing in a university context. This involves library work, reading academic texts and producing well-researched academic essays. In addition, you will have practice in seminar presentation, listening and note-taking.

#### Second Semester

##### English for Foundation Studies Part 2: CAFS002 **A, B & C**

This paper will further develop your academic reading, writing and speaking skills in preparation for undergraduate study.

### OPTIONAL PAPERS

##### Bridging Calculus: CAFS004 **S, A & B**

This paper covers pure Mathematics, in preparation for first year university Mathematics papers. It focuses on algebra, coordinate geometry, trigonometry, differential and integral calculus, and differential equations.

##### Bridging Accounting: CAFS006 **S, A & B**

This paper covers the conceptual basis of accounting. You will learn to appreciate how basic accounting concepts, processes and systems are applied to different types of organisations and groups of users. In addition, you will gain an understanding of the analysis of accounting systems and the methods of processing accounting data. No prior knowledge of accounting is required.

##### Bridging Biology: CAFS009 **A & B**

In this paper you will examine biological concepts by experimentation and by studying fundamental concepts. You will look at specific animal and plant systems in relation to whole organism functioning, cell organisation and function, the importance and action of nucleic acids, genetics, evolution and contemporary techniques in biotechnology.

##### Bridging Chemistry: CAFS010 **S, A & B**

This paper is designed to prepare you for Level 1 chemistry papers. It covers the nature of matter, atomic theory, periodic trends, bonding, quantitative chemistry, equilibrium, thermodynamics, kinetics, pH and REDOX.



##### Bridging Physics: CAFS011 **S, A & B**

This paper explores the physical laws of nature both experimentally and by studying the basic concepts and principles that govern our understanding of the physical world and the universe. You will study, investigate and apply scientific concepts and principles in Mechanics, Wave Motion, Electricity and Magnetism, and Atomic/Nuclear Physics.

##### Comparative Cultures: An Introduction CAFS013 **A & B**

The humanities are at the centre of learning about what it is to be human. The humanities interpret human experiences and you are encouraged to develop critical thinking skills. One of the essential ingredients in the humanities is the study of culture.

##### English for Specific Purposes: CAFS099 **A, B & T**

This paper will develop academic vocabulary, reading and paraphrase/summary skills, academic writing, and relevant pronunciation and grammar skills, in preparation for undergraduate study. The paper is designed to provide you with language support in the context of the other elective papers taken in Foundation Studies.

##### Bridging Social Sciences: CUPR004 **A, B & C**

This paper provides you with a structured and focused introduction to the Social Sciences. It is also designed to bridge students into other degrees, such as the BMS, BTChg and LLB. It draws on historical and contemporary examples in order to illustrate how important events and ideas have shaped the modern social science subjects.

##### Bridging Mathematics and Statistics: CUPR008 **A, B & T**

The aim of this paper is to cover mathematics and statistics in preparation for first year university mathematics and statistics courses. The paper introduces you to basic mathematics skills, algebra, geometry, trigonometry, calculus and statistics. It is designed to lead in to one of MATH168 Preparatory Mathematics, MATH165 General Mathematics, MATH166 Management Mathematics, or STAT121 Introduction to Statistical Methods.

##### Bridging General Sciences: CUPR025 **A, B & T**

This paper is an integrated science course that covers material from the four science areas of biology, chemistry, earth science and physics. There is an emphasis on scientific exploration and skills development necessary for working within the science disciplines.

**Please note:** Students choosing Science and Mathematics should normally have a background knowledge in these areas of secondary school study.



## Fees and Dates

### TUITION FEES

Approximate cost for eight courses over two semesters is NZ \$17,859.

### FOUNDATION STUDIES

#### Course Dates

##### 2011

C\* Semester 7 November 2011 to 24 February 2012

T\* Semester 7 November to 16 December

##### 2012

S\* Semester 9 January to 24 February

A Semester 5 March to 29 June

B Semester 16 July to 9 November

T\* Semester 12 November to 21 December

C\* Semester 12 November 2012 to 1 March 2013

*\*Selected papers see paper description for offerings.*

### OTHER CHARGES

#### Application Fee

Payable once for each new enrolment NZ \$400

#### Accommodation Registration fee

Payable once for each new application NZ \$275

#### Homestay

3 meals per day per week NZ \$224

#### Auckland International Airport Transfer

One way NZ \$90

#### Bank Fee

Charged when applicable NZ \$25

#### Under 18 Designated Caregiver Assessment Fee

Charged when applicable NZ \$200

**Note:** Fees and dates are correct at time of print.

Prices apply from 1 January 2012. All prices are quoted in New Zealand dollars, are applicable to international students and include NZ Government GST (goods and services tax) of 15% where applicable. Prices are subject to change and in this case reasonable effort will be made to notify agents and students in advance.

### MELLISA WRAGG

#### From Kenya

My name is Mellisa and I'm from Kenya which is in East Africa. I was born and grew up in the capital city, Nairobi.

After I completed my high school education, I wanted to study Computer Science and I wanted to do it abroad. I chose to study in New Zealand at the University of Waikato because it is world renowned for its excellence in Computer Science and its related studies. Before I could begin my degree course, I did my Foundation Studies at Pathways College. My experiences there were unforgettable. I met a lot of people from different parts of the world such as Arabia, China, Japan, Korea, and Indonesia.

I was able to improve my writing skills and get a better idea of what would be expected of me at the University level. The work, though sometimes rigorous, was enjoyable. Now, after the Foundation Studies, I feel I'm ready to tackle University life with both the social and academic skills that I have adopted. I would advise anyone doing Foundation Studies to take it as a stepping stone to higher learning and to enjoy every minute of it because it is worth the ride.



# Foundation Studies

## Minimum Entry Requirements

<b>Bangladesh</b>	Higher School Certificate (HSC) or Intermediate Certificate completed after 12 years of schooling with a Second Division Pass (45% or above)
<b>China</b>	Graduated from Senior High School with a 70% average in Year 12 (Senior Grade Three) including 70% in maths
<b>Fiji</b>	Fiji School Leaving Certificate (FSLC) with 65% average in your best four subjects, which must include English
<b>Germany</b>	Intermediate School Leaving Certificate Realschulabschluss, Mittlere Schulabschluss or Realschulreife) on graduation from Grade 10 with a grade 3 average
<b>Hong Kong</b>	Successful completion of Hong Kong Diploma of Secondary Education with a Grade 3 or better in five subjects
<b>India</b>	All India Senior School Certificate (AISSCE) with a 45% grade average in four subjects or Indian School Certificate (ISC) with a 50% grade average or Higher School Certificate (HSC) with a 65% average. For Kerala State, successful completion of tenth standard
<b>Indonesia</b>	Senior Secondary School Leaving Certificate of Completion (Surat Tanda Tamat Belajar Sekolah Menengah Atas (STTB SMA)) with grade average of 6.5
<b>Iraq</b>	Sixth Form Baccaalaureat (Adadiyah) with an overall 60% average
<b>Japan</b>	Kotogakko Sotsugyo Shomeisho with a grade 3 average
<b>Malaysia</b>	Sijil Pelajaran Malaysia (SPM) with a grade B4 average in five subjects
<b>Maldives</b>	University of Cambridge GCE 'A Levels' with a B4 average in four main subjects
<b>Pacific Islands</b>	Pacific Senior Secondary Certificate (PSSC) with an overall grade 5 average in four subjects, including a grade of 6 in English
<b>Russia</b>	Certificate of Secondary Education (Attestat o Srednem obrazovanii) on graduation from Grade 11 or Grade 12 with a grade 3 average
<b>Saudi Arabia</b>	General Secondary Education Certificate (Tawhijiyah, Tawjihii Thanawiyat) with a 60% overall average (students who have successfully completed a Religious Institute Secondary Education Certificate may be considered for admission to the Certificate of Attainment in Foundation Studies*)
<b>South Korea</b>	Graduated from senior high school with a C grade average in Year 3 (Grade 12) of senior high school
<b>Singapore</b>	Singapore-Cambridge General Certificate of Education (GCE) 'O' Levels with a B4 average in four main subjects
<b>Taiwan</b>	Senior High School Leaving Certificate with a C grade average in Grade 12 (Year 3) of senior high school
<b>Thailand</b>	Matayom 6 (M6) with a passing grade (1.0) in each subject studied
<b>Turkey</b>	Successful completion of the State High School Diploma (Develt Lise Diploması), or the Private High School Finishing Diploma (Lise Bitirme Diploması) with an overall grade 3 average
<b>UAE</b>	Secondary School Certificate (Tawjihiyya) with at least a 70% average
<b>Vietnam</b>	Upper Secondary School Graduation Certificate (Bang tot nghiep pho tong trung hoc) with scores of 5.0 or better on a 10 point score or Diploma of General Education (Bang tu tai) with scores of 5.0 or better on a 10 point scale)

*All applications will be considered on a case-by-case basis. For overseas qualifications not listed please contact Waikato International for the admission criteria.*



## The Application Process

International students will need to apply to enrol using an International Student Application form. You can request an Application Form from the University, an overseas representative or download a copy from the University website [www.waikato.ac.nz/international](http://www.waikato.ac.nz/international) or you can apply online at [www.waikato.ac.nz](http://www.waikato.ac.nz)

### APPLY TO ENROL

The University of Waikato  
Private Bag 3105, Hamilton 3240  
New Zealand

Phone: **+64 7 838 4176**  
Fax: **+64 7 838 4370**  
Email: **enrol@waikato.ac.nz**

### WAIKATO PATHWAYS COLLEGE CONTACT DETAILS

Private Bag 3105,  
LAIN Building, Gate 1,  
Knighon Road, Hillcrest,  
Hamilton 3240,  
New Zealand

Phone: **+64 7 858 5600**  
Fax: **+64 7 858 5694**  
Email: **pathwayscollege@waikato.ac.nz**  
Website: **[www.waikato.ac.nz/pathways](http://www.waikato.ac.nz/pathways)**

### ADEL ALGHAMDI

*From Saudi Arabia*

I am Adel Alghamdi from Saudi Arabia. I am here in New Zealand to study for a Bachelor of Engineering in Mechanical Engineering at The University of Waikato. I finished the Foundation Studies and I found it a very important year to prepare myself to do the undergraduate studies. There are many differences between high school and university studies. For this reason, the Foundation Studies are very important for students to adjust themselves to the university studies. At Foundation Studies I learnt how I can manage my time, study for tests, do my assignments and how can I get high grades. Many students think that the Foundation year is just to get a pass for the university. After my experience, I would like to advise the students who like to get high grades in the university studies to try to get the maximum benefit from the Foundation Studies.



## USING THE FOUNDATION STUDIES PROGRAMME FOR ADMISSION TO DEGREE PROGRAMMES

To gain a university entrance qualification, you must successfully complete the Certificate of Attainment in Foundation Studies by passing all eight papers. This University entrance qualification is recognised by all New Zealand Universities and is widely accepted by Australian Universities.

You must also meet the minimum English language requirement for undergraduate study. **Students who gain a B grade in the University of Waikato English for Foundation Studies papers** will be considered to have met this requirement for admission to most Bachelor degrees.

Admission is guaranteed to University of Waikato Bachelor degrees provided you gain the following grades.

### **Bachelor of Arts**

No less than a C grade in each paper.

### **Bachelor of Business Analysis**

No less than a C grade in any paper.

### **Bachelor of Communication Studies**

No less than a C grade in any paper.

### **Bachelor of Computer Graphic Design**

Applicants are considered on a case-by-case basis. You will need at least a C grade in each paper and must also provide a portfolio as specified by the Faculty of Computing & Mathematical Sciences.

### **Bachelor of Computing and Mathematical Sciences**

No less than a C grade in any paper.

### **Bachelor of Electronic Commerce**

No less than a C grade in any paper.

### **Bachelor of Engineering**

An overall B grade average including a B grade in Bridging Physics, a B grade in Bridging Calculus and at least a C grade in every other paper. If you intend to major in Materials and Process Engineering, Mechanical Engineering or Chemical and Biological Engineering you will additionally need to achieve a B grade in Bridging Chemistry.

### **Bachelor of Laws**

An overall B grade average with a B grade in CAFS003.

### **Bachelor of Management Studies**

A C in each paper, with a B grade in the English Foundation Studies papers.

### **Bachelor of Māori and Pacific Development**

At least a C grade in each paper.



### **Bachelor of Music**

At least a C grade in each paper. In addition, you will need a grade 5 theory pass or better in the Australian Music Education Board, Trinity College or Royal College of Music examinations or a music qualification assessed as equivalent. Entry to the Performance programme requires successful completion of an audition administered by the Faculty of Arts & Social Sciences.

### **Bachelor of Science**

No less than a C grade in each paper, including a C grade in each of two Science papers.

### **Bachelor of Science (Majoring in Computer Science or Mathematics)**

A C in each paper, with a B grade in the English for Foundation Studies papers.

### **Bachelor of Science (Technology)**

No less than a C grade in each paper.

### **Bachelor of Social Sciences**

No less than a C grade in each paper.

### **Bachelor of Sport and Leisure Studies**

No less than a C grade in each paper.

### **Bachelor of Tourism**

No less than a C grade in each paper.

### **Bachelor of Teaching**

Each application will be considered on a case-by-case basis. You must gain at least a C grade in every papers. If applying for the professional teacher education programme, you are required to attend a selection interview. You must also complete the Bachelor of Teaching application form.