



THE UNIVERSITY OF  
**AUCKLAND**  
Te Whare Wānanga o Tāmaki Makaurau  
NEW ZEALAND

# Tertiary Foundation Certificate 2021



# *Nau mai, haere mai*

# A warm welcome to tertiary study

The Tertiary Foundation Certificate (TFC) programme offers you a pathway to degree studies. You'll have the opportunity to gain the confidence and skills necessary to enter university programmes and achieve success.

## Who is the programme for?

This programme is for people who want to study at tertiary level but have left school with few or no qualifications. You will gain University Entrance with a TFC qualification. It is also for people who've gained their University Entrance qualification but not attained the required rank score to be admitted into the University of Auckland. Other people choose the TFC when they wish to change their study or career path. You'll be given preference if you're from a group that's under-represented in tertiary education, for example:

- Māori applicants
- Pacific applicants
- Applicants who've been away from school for one year or more
- Applicants who lack sufficient NCEA credits or an adequate rank score to gain entrance to the University of Auckland
- Applicants who have a disability

To be eligible for the programme, you must be a New Zealand or Australian citizen or hold permanent residency status. The Selection Committee will decide which applicants to accept.



***Gain the  
confidence and  
skills for success  
at university***

***Find out more***

For more details about this programme, visit  
**[auckland.ac.nz/tfc](http://auckland.ac.nz/tfc)**





# Contents

|                                   |           |
|-----------------------------------|-----------|
| <b>Welcome</b>                    | <b>2</b>  |
| <b>What you can expect</b>        | <b>4</b>  |
| The application process           | 4         |
| The academic year                 | 4         |
| Access to facilities and services | 4         |
| Graduation from the programme     | 4         |
| Costs                             | 4         |
| <b>Pathways</b>                   | <b>5</b>  |
| <b>Courses</b>                    | <b>6</b>  |
| Arts General                      | 6         |
| Biology                           | 6         |
| Business                          | 6         |
| Chemistry                         | 6         |
| Creative Arts                     | 7         |
| Education and Social Work         | 7         |
| English                           | 7         |
| Environment and Society           | 8         |
| History                           | 8         |
| Mathematics                       | 8         |
| Mathematics for Sciences          | 8         |
| Pacific Studies                   | 9         |
| Physics                           | 9         |
| Sociology                         | 9         |
| Statistics                        | 9         |
| <b>What is expected of you</b>    | <b>10</b> |
| Student conduct                   | 10        |
| Programme updates                 | 10        |
| After graduation                  | 10        |
| <b>Find out more</b>              | <b>11</b> |
| <b>Next steps</b>                 | <b>11</b> |



# What you can expect

The Tertiary Foundation Certificate is a full-time, one-year study programme.

## The application process

We need you to sit diagnostic assessments so that we can build a profile of your abilities and place you in the right TFC courses. The English assessment consists of multi-choice grammar and vocabulary questions and a writing task. The level of the mathematics assessment is approximately New Zealand Secondary School Years 11–12. Please bring your own pen and a passport photo to attach to your test papers. Calculators and dictionaries are not permitted. Details about date, time and venue are online. [www.auckland.ac.nz/tfc](http://www.auckland.ac.nz/tfc)

## The academic year

TFC is divided into the two semesters of the University of Auckland academic year. The programme begins in late February with an Orientation morning and ends with an evening graduation ceremony in late November or early December. (There is also a mid-year intake. Students who begin then will be doing the second half of the programme first, which is a more difficult option.) Mid-semester breaks occur in April and September, and an inter-semester break occurs in July. Official University of Auckland examinations are held at the end of Semesters One and Two.

Your weekly timetable will consist of lectures, tutorials and laboratories. You'll also need to study in your own time.

Attendance hours are generally 9am–5pm, Monday to Friday. That's approximately 20 hours class time and 20 hours on research and assignments each week.

Paid work during the programme isn't recommended. If you do choose to work, you should minimise your employment commitments.

## Access to facilities and services

As a University of Auckland student, you'll be entitled to apply for a University ID card. This will allow you to access:

- All the campus Library facilities
- Pay photocopying facilities
- Subsidised medical and welfare services
- Crèche facilities (Fees will apply, and early application is recommended.)
- The University Recreation Centre and other sports clubs and facilities (Recreation Centre and some other fees apply.)

## Graduation from the programme

You must pass all eight courses to receive your University of Auckland Tertiary Foundation Certificate.

## Costs

In 2021, the course fee is \$6.40 per point, and the Student Services fee is \$8.02 per point. The total fee is \$1730.40 for the eight courses that make up the programme. If you have queries, please check the website or email us.

[www.auckland.ac.nz/tfc](http://www.auckland.ac.nz/tfc)  
[studentinfo@auckland.ac.nz](mailto:studentinfo@auckland.ac.nz)

You can pay annual tuition fees in full at the start of Semester One or make part payments at the start of each semester. If using Studylink or WINZ financial support, please be aware that the TFC year counts towards borrowing for study. TFC qualifies for FreeFees if you are eligible.

*Note that some courses may have additional charges for course materials.*



# Tertiary Foundation Certificate Pathways

TFC Pathways tailor your preparation for your intended degree programme at the University of Auckland.

We have five specific pathways: Arts, Business and Economics, Education and Social Work, Engineering, and Science. TFC also offers a General pathway. Successful completion of any TFC pathway will give you a University Entrance qualification.

The General, Arts, Business and Economics, Engineering and Science pathways are offered only at the City Campus.

The Education and Social Work pathway is offered at Epsom Campus, Tai Tonga Campus (South Auckland) and Tai Tokerau Campus (Whangārei).

## General Pathway

If you haven't decided which degree programme you wish to prepare for, you can select the General Pathway. This will provide you with an opportunity to improve your academic and study skills – and give you time to decide the direction of your future studies.

This pathway allows a combination of courses, for example, Physics and Business, Creative Arts and English, or Sociology and Chemistry. If you pursue this pathway, you must complete at least one Mathematics course, one Academic Literacy course, and another six courses of your choice.

In Semester One, you can choose from Biology, Chemistry, Environment and Society, History, Pacific Studies, Physics and Sociology.

In Semester Two, you can choose from Arts General, Biology, Business and Economics, Chemistry, Creative Arts, Environment and Society, Physics, Sociology, and Statistics.

Depending on your grades and your course combination in the General Pathway, you could choose from a variety of degree programmes after you complete your TFC. You could enrol in Arts, Architecture, Commerce, Education, Engineering, Fine Arts, Property, or Science.

## Arts Pathway

This pathway will prepare you to enter your first year of a degree in either the Faculty of Arts (the Bachelor of Arts or Global Studies) or the Faculty of Creative Arts and Industries (the Bachelor of Architecture, Dance, Design, Fine Arts, Music, or Urban Planning). The TFC Arts Pathway is also an excellent way to prepare for a Law degree.

The combination of courses in this pathway gives you a particularly good opportunity to develop your critical reading and literacy skills.

You must complete our Academic Literacy courses in both semesters, and at least one Mathematics course. Maths for Arts is a course that is particularly relevant to the Arts Pathway. The other courses offered in this pathway are: Arts General, History, Environment and Society, Pacific Studies, Creative Arts, and Sociology.

[www.auckland.ac.nz/arts](http://www.auckland.ac.nz/arts)

[www.auckland.ac.nz/creative](http://www.auckland.ac.nz/creative)

## Business and Economics Pathway

This pathway will prepare you to enrol in a Bachelor of Commerce (BCom) or a Bachelor of Property (BProp).

In Semester One, you'll complete an Academic Literacy course, a Mathematics course and two Arts courses. In Arts you can choose from Environment and Society, History, Pacific Studies and Sociology. In Semester Two, you'll complete one course in each of Business, Statistics, and Academic Literacy, and one other course. You can select this additional course from Arts General, Biology, Chemistry, Creative Arts, Environment and Society, Mathematics, Physics, and Sociology.

You'll need at least a B average across your TFC courses to enrol in a BCom or a BProp in the following year.

[www.auckland.ac.nz/business](http://www.auckland.ac.nz/business)

## Education and Social Work Pathway

This pathway will prepare you to enter your first year of a degree in the Faculty of Education and Social Work. After completing your TFC, you'll be able to enrol in a Bachelor of Education (Teaching), a Bachelor of Social Work, or a Bachelor of Sport, Health and Physical Education.

You can enrol in this pathway at Epsom Campus, Tai Tonga Campus (South Auckland) or Tai Tokerau Campus (Whangārei).

In this pathway, you'll complete the two TFC Academic Literacy courses across the two semesters, a Mathematics course, and a variety of Education courses that specifically prepare you for a degree programme offered by the Faculty of Education and Social Work. This pathway will also give you entrance to a Bachelor of Arts, and other degree programmes, depending on the grades you attain.

[www.auckland.ac.nz/edsw](http://www.auckland.ac.nz/edsw)

## Engineering Pathway

This pathway will prepare you for a degree in the Faculty of Engineering. Engineering offers a number of specialisations, which you enter after successfully completing the first year of your Bachelor of Engineering.

If you choose the Engineering Pathway, you must enrol in:

- At least one Academic Literacy course
- TFCMATHS 94F and TFCPHYSICS 92F, both offered in Semester Two
- An additional Mathematics course
- Two courses from Environment and Society, Biology, Chemistry, and Pacific Studies in Semester One
- Two courses from Environment and Society, Biology, Chemistry, and Statistics in Semester Two

You are guaranteed a place in Engineering if: you complete your eight TFC courses with an overall A- average; and gain at least an A- in TFCPHYSICS 92F and TFCMATHS 94F.

[www.auckland.ac.nz/engineering](http://www.auckland.ac.nz/engineering)

## Science Pathway

Science is the most popular TFC pathway, and many TFC students successfully transition into a Bachelor of Science (BSc). A BSc is your opportunity to create a solid foundation for your study in the Chemical, Computational, Earth, Human, Life, Mathematical and Physical Sciences. If enrolled in this pathway, you must complete at least one Academic Literacy course and two Mathematics courses, as well as your choice of TFC Science options. The science options available are: Biological Sciences, Chemistry, Environment and Society, Mathematics, Physics and Statistics. If you pass all eight courses in the programme, you will be accepted into a Bachelor of Science.

With at least a B+ average in the TFC, you may be accepted into the Bachelor of Health Sciences or the Bachelor of Science in Biomedical Science. A B- average from the TFC is required for the Bachelor of Science in either Exercise Sciences or Food Science and Nutrition.

[www.auckland.ac.nz/science](http://www.auckland.ac.nz/science)

# Tertiary Foundation Certificate Courses

## TFC Arts General

### Semester Two

#### TFCARTSGEN 92F Introduction to Arts and Humanities

This is an interdisciplinary, skills-based course that takes you through a special research topic, with input from various disciplines within Arts and Arts-related faculties. A broad theme is examined from different angles by a number of guest lecturers. The course focuses on research skills and the introduction of different disciplinary approaches from the Arts and Humanities.

**Credit for coursework:** 60%

(Participation 5%, two in-class essays 10% each, group presentation 15%, research essay 20%)

**Final two-hour examination:** 40%

#### Timetable

**Lectures:** Two one-hour lectures per week

**Workshop/Tutorial:** One two-hour workshop per week

#### Prescribed text

There are no prescribed texts. Core readings are provided through the Library or electronically through CANVAS. Other readings are recommended by tutors throughout the semester.

#### Course Convenor

**Dr Sara Buttsworth**

PhD (Western Australia)

(And a number of guest lecturers from across the Faculty of Arts)

Room 206-709 (Humanities Building Te Puna Aronui, Arts 1)

Level 7, 14A Symonds St, City Campus

**Phone:** +64 9 923 8319

**Email:** s.buttsworth@auckland.ac.nz

## TFC Biology

### Semester One

#### TFCBIO 91F Foundation Biology 1

This introduction to biological sciences emphasises organism diversity among the bacteria, plants, fungi and animals. We introduce the fundamentals of classification, ecology and evolution, and the study of a current topic in biology is used to develop your research and critical thinking skills. Practical classes are both laboratory based and field based.

**Credit for coursework:** 50%

(20% theory, 30% practical)

**Final two-hour examination:** 50%

#### Course Convenor

**Dr David S Seldon**

MSc (Hons), DipTchg

Room 306, Old Biology Building, City Campus

**Phone:** +64 9 373 7599 ext 84929

**Email:** d.seldon@auckland.ac.nz

### Semester Two

#### TFCBIO 92F Foundation Biology 2

Concepts introduced in TFCBIO 91F are further developed. We emphasise the structures and processes of living organisms at cellular and molecular levels. Cell biology, genetic principles and biochemistry are explored and further developed in a human biological context. Laboratories focus on developing your key practical skills.

**Credit for coursework:** 50%

(20% theory, 30% practical)

**Final two-hour examination:** 50%

#### Course Convenor

**Dr Suzanne Reid**

PhD (Auckland)

Room 111D, Biology Building (106), City Campus

**Phone:** +64 9 373 7599 ext 89066

**Email:** s.reid@auckland.ac.nz

#### Timetable

**Lectures:** Three one-hour lectures per week

**Laboratories:** One three-hour practical class per fortnight

#### Prescribed text

Simon, Reece and Dickey, *Essential Biology with Physiology* 5th Global Edition (Copies may be available second hand.) This text is recommended for both semesters and will be referred to in lectures. The tutors will provide biology resources and activity manuals for each student.

## TFC Business

### Semester Two

#### TFCBUS 92 Foundation Business

By understanding your place in the world, you can then grow your ability to add value in that place. This course lays the foundation for success by developing business literacy, an understanding of the business environment, and the key skills, knowledge, and attitudes that employers seek.

**Credit for coursework:** 50%

(Weekly quizzes 10%; Academic writing Assignment 20%, Team performance 20%)

**Final exam:** 50%

#### Timetable

**Lectures:** One one-hour lecture per week

**Tutorials:** One one-hour tutorial per week

**Workshop:** One two-hour workshop per week

#### Prescribed text

There are no prescribed texts. Some readings will be digitised from a range of current textbooks in business, management and marketing.

### Course Convenor

**Kim Ashton**

MMgt (Distinction), PGDipBusAdmin, BBS, CAT

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## TFC Chemistry

### Semester One

#### TFCCHEM 91F Foundation Chemistry 1

This course introduces elements, the periodic table, atomic structure, compounds, covalent bonding, molecular shape and polarity; quantitative chemistry, including balancing equations, calculating moles and particles present, calculating concentration in mol L<sup>-1</sup>; energy and thermo-chemistry. Laboratories include practical skills, qualitative analysis, and simple modelling.

**Credit for coursework:** 50%

(Practical reports 17%, questions 3%, assignments 5%, two tests 25%)

**Final two-hour examination:** 50%

Passes in both theory and practical are required.

### Semester Two

#### TFCCHEM 92F Foundation Chemistry 2

This course is intended for students who have completed TFCCHEM 91F. It introduces further principles of chemistry: physical chemistry and qualitative inorganic analysis, including chemical kinetics and chemical equilibrium; organic chemistry, including hydrocarbons, oxygen-containing functional groups, isomerism and reaction classifications; acids, bases, buffer solutions, and titrations.

Laboratory sessions explore reactions of hydrocarbons and oxygen-containing organic compounds, chromatography, testing for anions and cations in solution and acid-base titrations.

**Credit for coursework:** 50%

(Practical reports 17%, questions 3%, assignments 5%, two tests 25%)

**Final two-hour examination:** 50%

Passes in both theory and practical are required.

#### Timetable

**Lectures:** Three one-hour lectures per week

**Laboratories:** One two-hour lab per fortnight

#### Prescribed text

There is no prescribed textbook for this course. Comprehensive course notes are provided.

#### Course Convenor

**Dr Malini Arewgoda**

BSc (Sri Lanka), PhD (Otago)

Room 302-835, School of Chemical Sciences

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## TFC Creative Arts

### Semester Two

#### TFCCAI 92F Creative Arts Portfolio

This course focuses on the creative brain and human imagination. Participants will gain a practical and theoretical understanding of the skills and practices employed by performing artists, visual artists and designers when creating a performance, art object or design portfolio. After completing the course, students will be able to discuss artistic practices using creative arts vocabulary, describe artistic processes and collaborate to create an art object or performance.

**Credit for coursework:** 100% Coursework

(Workshop activities, creative portfolio, reflective journal)

#### Timetable

**Workshops:** one two-hour workshop per week

#### Course Convenor

**Dr Te Oti Rakena**

Coordinator of Voice

Director of External Relations

School of Music

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**Email:** t.rakena@auckland.ac.nz

## TFC Education and Social Work

### Semester One

#### TFCEDUC 12F Introduction to Computing

Develop computer skills in word processing, spreadsheets, presentation software, document collaboration, simple programming and common multi-media technologies. These skills will be related to the context of tertiary study.

**Credit for coursework:** 100%

#### Timetable

**Lectures:** One two-hour lecture per week

#### TFCEDUC 14F An Introduction to the New Zealand Education System

Learn about New Zealand's education system. Explore its history and key changes over time, such as the curriculum, ethnic diversity in New Zealand schools, and who makes decisions on the curriculum, learning and assessment.

**Credit for coursework:** 100%

### Timetable

**Lectures:** Two two-hour lectures per week

#### TFCEDUC 15F Mathematics for Education

Develop your understanding of essential mathematics concepts, including fractions, decimals, percentages, ratio, proportion, and algebra. Applying these concepts in contexts such as financial literacy, problem solving, and real-life mathematics is a key component of this course.

**Credit for coursework:** 100%

#### Timetable

**Lectures:** Two two-hour lectures per week

### Semester Two

#### TFCEDUC 13F Child Development and Learning

Find out about language and learning development. You will look at theories of child development relating to languages, literacies and learning. You will also explore systems that support younger learners to become successful learners and readers

**Credit for coursework:** 100%

#### Timetable

**Lectures:** Two two-hour lectures per week

#### TFCEDUC 16F Mathematics for Teaching Science and Technology

Develop critical thinking skills by designing and critiquing investigative methods for science and mathematics. At the completion of this course, you will be able to carry out investigations and tasks that draw on skills and thinking in science and mathematics.

**Credit for coursework:** 100%

#### Timetable

**Lectures:** Two two-hour lectures per week

#### TFCSOCW 17F Aotearoa Society in Context

Explore the migration stories of the many peoples who make up Aotearoa New Zealand and find out how these affect education and social services. Particular consideration will be given to Te Tiriti o Waitangi.

**Credit for coursework:** 100%

#### Timetable

**Lectures:** Two two-hour lectures per week

## TFC English

### Semester One

#### TFCENG 91F Academic Literacy 1

This course establishes skills in spoken and written English for academic purposes. Critical reading, writing, listening and oral presentation skills are introduced through various texts. You will be challenged and guided to handle English with competence and to learn the basics of academic literacy.

**Credit for coursework:** 50%

(Weekly assessments, one essay)

**Final two-hour examination:** 50%

### Semester Two

#### TFCENG 92F Academic Literacy 2

This course further establishes English skills for academic purposes. Sound academic practice is developed, including enhanced critical reading and writing, critical listening and effective oral presentation skills. Building on from TFCENG 91F Academic Literacy 1, this course will strengthen your abilities and confidence in academic literacy.

**Credit for coursework:** 50%

(Weekly assessments, one essay, drama presentation)

**Final two-hour examination:** 50%

#### Timetable

**Lectures:** One one-hour lecture per week

**Tutorials:** Three one-hour tutorials per week

#### Prescribed text

*Punc Rocks: Foundation Stones for Precise Punctuation* by Jenny Buxton, Susan Carter and Sean Sturm. This book is available at the University Book Shop.

Most other material will be supplied and/or available at the University Library.

#### Course Convenor

**Dr Nina Nola**

MA (Hons), PhD

Room 206-645 (Humanities Building Te Puna Aronui, Arts 1)

Level 6, 14A Symonds St., City Campus

**Phone:** +64 9 373 7599 ext 85340

**DDI:** +64 9 923 5340

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## TFC Environment and Society

What on Earth is going on? Environment and Society is concerned with many aspects of the world in which we live. Geographers study the physical and social processes that shape our world, and places within it. Environment and Society fits well with many other subjects in the physical sciences, social sciences and humanities. Environment and Society introduces a selection of key geographical ideas, encourages you to explore, interpret and think critically about the world, and assists you to develop appropriate strategies and academic skills to prepare you for degree study.

### Semester One

#### TFCENV 91F Environment and Society 1

This course introduces ideas on the impact of social processes in the human environment. Humans have long had a major impact on their environments. This course will examine these impacts using social and cultural lenses to understand a variety of geographic case studies. This course draws on the subjects of Human Geography and Geographic Information Science.

**Credit for coursework:** 60%

**Final two-hour examination:** 40%

### Semester Two

#### TFCENV 92F Environment and Society 2

This course introduces ways in which we might understand physical processes in the environment. Better understanding of physical processes will assist us in addressing environmental concerns. This course will examine these processes, drawing on case studies from Physical Geography, Earth Sciences and Environmental Science.

**Credit for coursework:** 60%

**Final two-hour examination:** 40%

#### Timetable

**Lectures:** Two one-hour lectures per week

**Tutorials:** One two-hour practical class per week

#### Prescribed text

There is no prescribed textbook. A variety of readings will be recommended.

#### Course Convenor

**Dr Sonia Fonua**

BA/BSc conjoint, MA (Hons), PhD  
Room 302-439, Science Centre

**Phone:** +64 9 923 9710

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**Email:** s.fonua@auckland.ac.nz

## TFC History

### Semester One

#### TFCHISTORY 91F Foundation History 1: People, Places, Voices, Traces

An introduction to New Zealand history and the skills and tools of the historian. In this course,

you'll gain experience in reading for meaning, critical analysis, essay writing and computer word-processing.

**Credit for coursework:** 100%

(Two in-class essays 10% each, one oral history assignment 20%, one critical analysis 20%, reading/tutorial assignments 20%, final test 20%)

#### Timetable

**Lectures:** Two one-hour lectures per week

**Tutorial:** Two one-hour tutorials per week

#### Course Convenor

**Dr Sara Buttsworth**

PhD (Western Australia)

Room 206-709 (Humanities Building Te Puna  
Aronui, Arts 1)

Level 7, 14A Symonds St, City Campus

**Phone:** +64 9 923 8319

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## TFC Mathematics

In the Mathematics programme, you'll work with fundamental concepts, beginning at a level suitable for students with a limited or "rusty" mathematical background.

### Semester One

#### TFCMATHS 89F The Reach of Mathematics

This course aims to link maths to the everyday world for students who will take non-scientific/non-mathematical degrees. MATHS 89F will include several important mathematical ideas within historical, environmental, societal, political, financial, justice, entertainment and cultural contexts. The course will also be guided by the interests of its learners as citizens and consumers, who will be encouraged to draw on the maths they may already be familiar with.

**Credit for coursework:** 100%

(Including final test 50%)

#### Timetable

**Lectures:** Four one-hour lectures per week

**Tutorial:** One one-hour workshop/tutorial per week

#### TFCMATHS 91F Foundation Mathematics 1

The semester begins with study skills, including an introduction to tutorials, an introduction to collaborative learning, problem-solving techniques and investigation. Skills will be introduced and reinforced first in the context of number sense, including a study of number sets, large and small numbers, percentages and measurement. The investigation of patterns lays a foundation for the algebra that follows. Algebra covers manipulation of expressions and formulae, solving equations and inequalities, and the application of these skills to problem solving.

**Credit for coursework:** 100%

(Four assignments and five e-quizzes 21%, two chapter tests 10%, three collaborative group tasks 9%, mid-semester test 15%, final test 45%)

### Semester Two

#### TFCMATHS 92F Foundation Mathematics 2

The skills and concepts from Semester One are consolidated, especially in the areas of technology and collaborative learning. The main focus of this semester is functions and their graphs, particularly the graphs of straight lines and parabolas. Trigonometry is also studied, mainly in relation to right-angled triangles, and some statistical thinking is introduced through investigations. This course is intended for students who have completed MATHS 91F.

**Credit for coursework:** 55%

(Three assignments and five e-quizzes 21%, two chapter tests 10%, three collaborative group tasks 9%, mid-semester test 15%)

**Final examination:** 45%

#### Timetable

**Tutorials:** Four one-hour tutorials per week

#### Prescribed text

There is no prescribed textbook. Your tutor will provide texts and notes.

#### Additional requirements

In addition to time spent on assignments, you should plan to spend at least one hour reading and working out problems for every hour you spend in lectures. You can work in groups on methods of solving problems but mustn't copy each other's assignments. You'll need a calculator with scientific functions. Choose one that has a fraction function. Your tutor can advise you. You'll also need graph paper, particularly for Maths 92F, and refill paper or an exercise book for note taking and problem solving.

#### Course Convenor

**Phil Kane**

BSc, DipTchg, M.Ad.Lit.Num.Ed, MPhil (Hons)

Room 303E-149, Science Centre

38 Princes St, City Campus

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**DDI:** +64 9 923 5750

**Email:** p.kane@auckland.ac.nz

## TFC Mathematics for the Sciences

### Semester One

#### TFCMATHS 93F Foundation Mathematics 3

This course is recommended for students who wish to go on to pursue a Science degree and have a good mathematical background. It assumes knowledge of the material described in TFCMATHS 91F and 92F. The course will begin with a review of basic number skills. Problem solving in real-world contexts will be a focus. Algebra will be introduced, with a particular focus on algebraic manipulation methods. In addition, x-coordinate geometry and linear algebra will be covered.

**Credit for coursework:** 100%

(Four assignments, two tests, three collaborative problem-solving tasks, one mid-semester test, three online quizzes, one final two-hour test)



## Semester Two

### TFCMATHS 94F Foundation Mathematics 4

The course includes geometric reasoning, trigonometric graphs/equations, non-linear graphs, functions and an introduction to calculus. This course is intended for students who have completed TFCMATHS 93F.

**Credit for coursework:** 50%

(Four assignments, two tests, three collaborative problem-solving tasks, four online quizzes, one mid-semester test)

**Final two-hour examination:** 50%

#### Timetable

**Tutorials:** Four one-hour tutorials per week

#### Prescribed text

There are no prescribed texts, but a handbook will be provided for a small cost.

#### Additional requirements

You'll need a calculator with scientific and fractions functions. Graphics calculators are useful, particularly for MATHS 94F, but aren't essential. You'll also need graph paper and refill paper or an exercise book for note taking and problem solving.

#### Selection for this course

Selection for Mathematics for the Sciences is based on your results from the Mathematics diagnostic test, conducted when you apply for the programme. You'll also attend a selection interview.

#### Course Convenor

**Rachel Passmore**

MSc, BSc (Hons) (Reading), PGDipTchg,

PGDipSci

Room 303E-150, Science Centre

Level 1, 38 Princes St, City Campus

**Phone:** +64 9 373 7599 ext 88779

**DDI:** +64 9 923 8779

**Email:** r.passmore@auckland.ac.nz

## TFC Pacific Studies

### Semester One

#### TFCPAC 91F Foundation Pacific Studies

This course is an introduction to Pacific Studies. The course assessments will encourage you to develop key reading and writing skills for your tertiary journey. We will use a Pacific lens to explore topics such as identity, well-being, religion, politics, history and performing arts.

**Credit for coursework:** 60%

**Final two-hour examination:** 40%

#### Timetable

**Lectures:** Two one-hour lectures per week

**Tutorials:** Two one-hour tutorials per week

#### Prescribed text

There are no prescribed texts. Core readings are provided through the Library or electronically through CANVAS. Other readings are recommended by tutors throughout the semester.

#### Course Convenor

**Emmaline Pickering-Martin**

Room B105 (Fale Office Building)

Level B1, 20 Wynyard St, City Campus

**Email:** e.matagi@auckland.ac.nz

## TFC Physics

### TFCPHYS 91F Foundation Physics 1

This course introduces you to the study of Physics. Topics include the nature of light, wave motion, basic mechanics of motion in a straight line, including the concepts of momentum and energy, and an introduction to heat.

**Credit for coursework:** 60%

(Laboratories 24%, assignments 20%, tests 16%)

**Final two-hour examination:** 40%

### TFCPHYS 92F Foundation Physics 2

This second foundation course builds on the knowledge acquired in Semester One. You'll study mechanics further, including equilibrium, projectile motion, rotational motion, and gravitation. The course will cover electromagnetism, including electrostatics, elementary circuits, and the effects of magnetic fields. We'll also briefly introduce the photoelectric effect and nuclear physics.

**Credit for coursework:** 50%

(Laboratories 15%, assignments 15%, tests 20%)

**Final two-hour examination:** 50%

#### Timetable

**Lectures/tutorials:** Three one-hour lectures/tutorials per week

**Laboratories:** One two-hour lab per week

#### Prescribed text

There is no prescribed or recommended textbook, although Year 12 school textbooks may be useful. A detailed workbook will be provided for each course.

#### Course Convenor

**Tristan O'Hanlon**

(BSc, GDipEd, PGDipSci)

Room 303-618, Science Centre

38 Princes St, City Campus

**Phone:** +64 9 923 2586

**Email:** t.ohanlon@auckland.ac.nz

## TFC Sociology

### Semester One

#### TFCSOCIO 91F Foundation Sociology 1

In this course you'll be introduced to the fundamental building blocks of sociology. We'll explore key sociological concepts that will help you make sense of existing social inequalities. In particular, we will look at how social structures (for example, class, race/ethnicity, gender and sexuality), social institutions (for example, the state), as well as interactions between people produce and sustain various forms of inequality. We will identify the social forces that perpetuate inequalities between people and communities. This is central to understanding how our experiences are not just individually shaped

but how they are also shaped at the social and societal level.

**Credit for coursework:** 50%

**Final two-hour examination:** 50%

#### Timetable

**Lectures:** two one-hour lectures per week

**Tutorials:** two tutorials per week

### Semester Two

#### TFCSOCIO 92F Foundation Sociology 2

In this course, your sociological thinking will be further developed by exploring the diverse experiences of what it means to live in Aotearoa New Zealand and be a New Zealander. We will do this by examining the social norms, values and experiences of different people and communities living in and across Aotearoa New Zealand. Drawing on a variety of case studies, we will look at the way in which people and communities in Aotearoa New Zealand have vastly different experiences that show that being a "New Zealander" means a multitude of things.

**Credit for coursework:** 50%

**Final two hour examination:** 50%

#### Timetable

**Lectures:** two one-hour lectures per week

**Tutorials:** two tutorials per week

#### Course Convenor

**Dr Moeata Keil**

Room 201E-936, Human Sciences Building East

Level 9, 10 Symonds St, City campus

**Phone:** +64 9 923 9457

**Email:** moeata.keil@auckland.ac.nz

## TFC Statistics

### Semester Two

#### TFCSTATS 92F (15 points) Foundation Statistics

This course provides an introduction to statistics for anyone who will ever have to collect, analyse or interpret data, either in their career or private life. Statistical skills will be developed through Exploratory Data Analysis, using real data, appropriate technology and statistical techniques. An important aspect of the course will involve communicating results to others in spoken or written form.

**Prerequisite:** TFCMATHS 89F, TFCMATHS 91F or TFCMATHS 93F

**Credit for Coursework:** 50%

(Tests 25%, written course work 25%)

**Final Examination:** 50%

#### Timetable

**Lectures:** four hours per week

**Tutorials:** one hour per week

#### Course Convenor

**Rachel Passmore**

MSc, BSc (Hons) (Reading), PGDipTchg,

PGDipSci

Room 303E-150, Science Centre

Level 1, 38 Princes St, City Campus

**Phone:** +64 9 373 7599 ext 88779

**DDI:** +64 9 923 8779

**Email:** r.passmore@auckland.ac.nz



# What is expected of you

## Student conduct

All University of Auckland students are expected to adhere to departmental rules and regulations. (*The University of Auckland Calendar* also outlines the regulations for application, enrolment, examinations, transfer and withdrawal from courses.)

### Attendance

You will be expected to:

- Attend all your lectures, tutorials and laboratories
- Be punctual
- Participate fully in the programme
- Behave appropriately to everyone in a courteous and respectful manner

### Behaviour

You must behave in a considerate way towards the teaching and administrative staff and other students.

Cell phones must be turned off in lectures and tutorials. No electronic recording devices are to be used during lecture, tutorial or laboratory times.

### Absence

If you are absent for any reason, you must contact your relevant tutors and lecturers.

Any illness that lasts longer than three days must be accounted for with a medical certificate.

### Cheating and plagiarism

Cheating in coursework is a serious academic offence. The University of Auckland will not tolerate cheating or assisting others to cheat.

The work that you submit for grading must be your own. Where work from other sources is used, you must properly acknowledge it. This requirement also applies to material from the internet. Your assessed work may be reviewed against electronic source material using computerised detection mechanisms.

Upon reasonable request, you may be required to provide an electronic version of your work for computerised review.

Unacknowledged copying or plagiarism in completing coursework can be treated as an examination offence. For guidance and advice, talk to your lecturer or tutor.

For further information and advice on how to avoid plagiarism, refer to the web page on plagiarism and cheating on the University website. [www.auckland.ac.nz/honesty](http://www.auckland.ac.nz/honesty)

## Programme updates

For up-to-date information about this programme, visit the website.

**[www.auckland.ac.nz/tfc](http://www.auckland.ac.nz/tfc)**

Alternatively, you can contact the Programme Administrator:

**Elisabeth Kumaran**

Room 206-537 (Humanities Building  
Te Puna Aronui, Arts 1)

Level 5, 14A Symonds St  
City Campus

**Phone:** +64 9 373 7599 ext 84145

**DDI:** +64 9 923 4145

**Email:** [tfc@auckland.ac.nz](mailto:tfc@auckland.ac.nz)

## After graduation

Once you've attained the Tertiary Foundation Certificate, you'll have a University Entrance qualification on which you can base your application for undergraduate studies at the University of Auckland and other tertiary institutions. Some faculties may require you to achieve specific grades.



# Find out more

If you'd like more information or the opportunity to discuss this programme with us, the following staff members are available to assist you. For all general enquiries, please contact the Programme Administrator.



## Programme Administrator

### Elisabeth Kumaran

Room 206-537 (Humanities Building  
Te Puna Aronui, Arts 1)  
Level 5, 14A Symonds St  
City Campus  
**Phone:** +64 9 373 7599 ext 84145  
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## Programme Director

### Stephanie Wyatt

Room 206-550 (Humanities Building  
Te Puna Aronui, Arts 1)  
Level 5, 14A Symonds St  
City Campus  
**Phone:** +64 9 373 7599 ext 87335  
**DDI:** +64 9 923 7335  
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## Assistant Director

### Rachel Passmore

Room 303E-150, Science Centre  
Level 1, 38 Princes Street  
City Campus  
**Phone:** +64 9 373 7599 ext 88779  
**DDI:** +64 9 923 8779  
**Email:** r.passmore@auckland.ac.nz

# Next steps

## Enquire

Visit [www.auckland.ac.nz/tfc](http://www.auckland.ac.nz/tfc) or contact our Programme Administrator: [tfc@auckland.ac.nz](mailto:tfc@auckland.ac.nz)

**Phone:** +64 9 373 7599 ext 84145

You can also go to AskAuckland Central, Alfred Nathan House, 24 Princes Street, Auckland (Enter through rear of building.) or call them on **0800 61 62 63**



## Apply for a place in the Tertiary Foundation Certificate programme

Do you have internet access, or can you come onto campus to our help labs?



### Yes

- Log on to [www.apply.auckland.ac.nz](http://www.apply.auckland.ac.nz)
- Complete the online application for a place in your programme(s) of choice.
- You'll receive an acknowledgement email asking you to provide specific supporting documents (and in some cases to complete other requirements) before your application can be assessed. The email will also tell you how to access the University's Student Services Online system to complete the next steps.
- You'll be contacted by email with information regarding the need to sit diagnostic assessments in English and Mathematics. Dates for these assessments will be available on our website. [www.auckland.ac.nz/tfc](http://www.auckland.ac.nz/tfc)

### No

#### Phone:

0800 61 62 63 (outside Auckland)  
09 923 1969 (in Auckland)  
+64 9 923 1969 (overseas)



## Offer

After you sit the assessments, we'll assess the results. You may then be offered a personal interview, after which we'll soon notify you about the outcome of your application.



## Accept

Accept your offer of a place in the programme.



**You're now a student at the University of Auckland. Congratulations!**



THE UNIVERSITY OF  
**AUCKLAND**  
Te Whare Wānanga o Tāmaki Makaurau  
NEW ZEALAND

### AskAuckland Central

Ground Floor, Alfred Nathan House,  
24 Princes Street, Auckland  
(Enter through rear of building.)

Phone: 0800 61 62 63

Questions: [www.askauckland.ac.nz](http://www.askauckland.ac.nz)

Email: [studentinfo@auckland.ac.nz](mailto:studentinfo@auckland.ac.nz)

Web:

[www.auckland.ac.nz](http://www.auckland.ac.nz)

[www.tfc@auckland.ac.nz](http://www.tfc@auckland.ac.nz)