Term 3 Edition, July 2018

MASSEY EXPLORER

AN UPDATE FOR SCHOOLS

UPDATES, UPCOMING EVENTS AND
IMPORTANT DATES

SCHOLARSHIPS FOR 2019

STEP BY STEP ENROLMENT GUIDE

MEET PROFESSOR CHRIS SCOGINGS

SPOTLIGHT ON THE BACHELOR OF
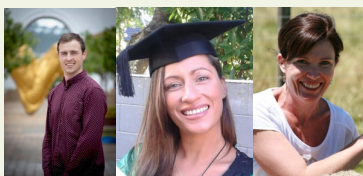INFORMATION SCIENCES

MĀORI @ MASSEY

ACCOMMODATION

massey.ac.nz/sra

MASSEY
UNIVERSITY
TE KUNENGA KI PŪREHUROA

UNIVERSITY OF NEW ZEALAND

SRA NEWS

We would like to announce the departure of 3 of our team members. Phil Greig from our Wellington office, as well as Rebekah Sulman and Angelique Kouratouras from Auckland. Phil and his partner are going on a big OE. Angelique will be working at the Auckland museum, and Rebekah has moved on within Massey, joining our Business School as the new account manager. We will sorely miss all 3, and wish them all the best!

AROUND THE COLLEGES

COLLEGE OF HEALTH

Changes to The Bachelor of Sport and Exercise (BSpEx)

A new Major will be introduced to this programme. Students may now choose to take Sport Development as a major under the Bachelor of Sport and Exercise. Sport development is a multifaceted, and often holistic concept that plays an important role in the initiation, support and promotion of sport and physical activity at the volunteer, club, regional and national organisational levels, from grassroots to the elite level. This major will prepare students for work in the varied and growing area of sport development by providing knowledge in topics such as sport organisational structure and function, event and facility management, sport communication along with sociological, conditioning and business issues linked to sport and the athlete.

The major previously known as Exercise Prescription and Training will now be referred to as Exercise Prescription. In terms of the content within this major, there are no changes.

Students taking the Exercise Prescription and Physical Education majors will now get a stronger underpinning of science with the inclusion of Human Bioscience, Exercise Physiology and Biomechanics. Therefore, although the BSpEx does not have specific entry requirements, students wanting to take Exercise Prescription or Physical Education majors are encouraged to take PE and Biology at Year 13

***All changes are subject to CUAP approval

COLLEGE OF SCIENCE

School of Veterinary welcomes Professor John Huxley

Professor Huxley becomes the 11th school head, which was established 56 years to the day of his welcome. The school comprises more than 1000 students, 250 staff and is ranked 23rd in the QS World University Rankings.
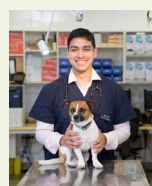
Prior to commencing at Massey, Professor Huxley was at the University of Nottingham, joining in 2006 as one of the School of Veterinary Medicine and Science's founding academic staff. He has held the position of Professor of cattle health and production since 2011 and was the head of the Division of Veterinary Surgery from 2011 to 2014.

His academic career has focused on dairy cow health and endemic diseases of dairy cattle, particularly lameness and the impact of the housed environment on animal health and welfare. However, he has also had extensive experience developing and delivering veterinary education.

Professor Huxley has received research awards and other funding totalling more than NZ $15 million since 2006. He is recognised as a United Kingdom and European specialist in his area of expertise, dairy cow health.

'He is a welcome addition to the college' College of Sciences Pro-Vice chancellor, professor Ray Geor.

VET SCIENCE AND VET TECH OPEN DAY

On the night before the Manawatū Open Day, our Vet school will be hosting a Vet Open Evening for all prospective Vet students. Students can pre-register on The Manawatū Open day page

AGHORT LECTURE THEATRE FOYER

Time	Event
6.30 PM	ARRIVE, COFFEE, TEA
7.00 PM	WELCOME, JENNY WESTON, ELOISE JILLINGS
7.10 PM	VET TALK – ELOISE FOLLOWED BY QUESTIONS
7.50 PM	BEHIND THE SCENES TOUR (VIRTUAL)
8.00 PM	VET TECH TALK – ROBERT SAWICKI
8.30 PM	"ASK A STUDENT"
9.00 PM	FINISH

COLLEGE OF CREATIVE ARTS

Mid-Year Intake for CoCA prospects

Students wishing to apply to the Bachelor of Design, Bachelor of Fine Arts, and the Bachelor of Creative Media Production may now apply for a July (Semester 2) intake from 2018 onwards. Courses will then be done over summer periods and the programme will be accelerated to be completed in a shorter timeframe for example;

Bachelor of Design (Hons) – 3.5 years (normally 4 years)

Start in July 2018, finish in November 2021

PORTFOLIO SUBMISSIONS

Students wishing to apply to the programmes Design, Fine Arts and Māori Visual Arts can send their portfolios in early from the 1st of July and receive feedback regarding what work they need to put in to their portfolio before the submission deadline of the 1st of October.

For more information regarding portfolio submissions

UPCOMING EVENTS IN 2018

AUCKLAND CAMPUS

AUGUST 23	SPEECH AND LANGUAGE THERAPY DAY
AUGUST 27	CLASSICS DAY
SEPTEMBER 5	YEAR 11 STUDY SKILLS
OCTOBER 8 – 12	ENROLMENT DROP IN WEEK

MANAWATŪ CAMPUS

| SEPTEMBER 5 | CLASSICS DAY |
| OCTOBER 2 & 3 | ENROLMENT DROP IN DAYS |

WELLINGTON CAMPUS

| AUGUST 10 | CoCA TOUR |
| SEPTEMBER 14 | CoCA TOUR |

OPEN DAY 2018

MANAWATŪ
WEDNESDAY 1 AUGUST, 9AM – 2.30PM

AUCKLAND
SATURDAY 11 AUGUST, 9AM – 3PM

WELLINGTON
FRIDAY 31 AUGUST, 9AM – 3PM

massey.ac.nz/opendays

SELECTED ENTRY DATES

AVIATION	23RD NOVEMBER
SOCIAL WORK	26TH NOVEMBER
NURSING	30TH NOVEMBER
MAORI VISUAL ARTS	30TH NOVEMBER
DESIGN AND FINE ARTS	30TH NOVEMBER
SPEECH & LANGUAGE THERAPY	10TH DECEMBER
COMMERCIAL MUSIC	13TH JANUARY 2019

CELEBRATING EZEKIEL RAUI

**Bachelor of Business student
Massey Ambassador at the Auckland Campus**

Ezekiel Raui, former head boy at Taipa Area School in Northland has recently received The Young Leaders award from Queen Elizabeth II herself.

Ezekiel has been with us for almost 3 years not only as a student, but as Massey Ambassador here on the Auckland Campus. He is due to graduate in 2019.

We are so proud of Ezekiel and his achievements. What an inspirational young man.

To view his story click HERE

MĀORI AT MASSEY

TE MANU TAIKŌ 2018!

"He manako i te koura i kore ai!" – "Wishing for Crayfish bought none!" Rangatahi who participated this year in TMT are not just wishing for it, they are working for it! The task was set for rangatahi to 'increase awareness about Te Ao Māori in their kura/community' and then report back to us on it. With the challenge set we were blown away at the results that were to come! Some examples included our rangatahi going back to their schools introducing/teaching karakia and chants to their premier sports teams, giving teaching staff lessons in Te Reo Māori, and free sausage sizzles for the day if you ask for it in Te Reo Māori!

When TMT was established there was a common goal to better prepare our rangatahi for the tertiary space so they can plan for success. Throughout the many workshops, key note speakers and fun times the students were able to learn tools that would help them with their transition into the tertiary space. With the final of two days completed in Auckland and Rotorua we are much more confident that our rangatahi will be able to better navigate their transitions from high school to university and onwards.

If you have any questions about the following kaupapa Māori we offer please contact Cambell Te Paa our Māori Student Recruitment Adviser.

Email: c.tepaa@massey.ac.nz

Mobile: 021 360 757

**MĀORI@MASSEY
Te Kunenga ki Pūrehuroa**

HOW TO APPLY

In an effort to make the students experience easier, we have a two part application process.

PART 1

Applying for admission

Here students will gain access to the Massey Student Portal with a Student ID. Once the application for admission is complete they will receive a conditional offer. This part is necessary for students to move on to part 2 as well as applying for Scholarships.

Step 1:
Visit our Website; **massey.ac.nz**

Step 2:
Find your Programme of interest you are looking to study here at Massey
Find tabs: Study>Find a programme
and then type in your programme
i.e., Bachelor of Business

Step 3:
The programme page – **Click APPLY NOW!**

Step 4:
Make sure all tabs are correctly outlined; Including the Major, Year you wish to start, Semester, and Campus.
Then click the orange tab!

Step 5:
Fill out as a new applicant or as a returning student with a Student login and password.
This will give you access to our new 'Student Portal'

Step 6:
Go through and fill out the application.
To fully complete this section, you will need;

a) Your NSI/NSN number
b) A verified copy of your birth certificate/passport
c) Programme specific requirements – i.e; for Nursing, you will need your referees at this stage
You can continue with the application process without these documents however it will not be fully completed.
Once you have submitted this process a conditional offer of place will be sent to your in-tray in your student portal. You will need to accept this offer. NB; There may be a delay in the conditional offers going out to students.

Step 7:
After October 1st, you will be able to go into the portal and select your courses for 2018, submit your course choices along with any remaining documents needed.
This will complete your enrolment. (See next page for course selection)

Here students can enrol into the specific courses for their programmes as well as elective courses. Once completed students will receive an offer of enrolment.

Before you start
- This is the application process, from here you will be made a conditional offer.
  This should be done before the 1st of October 2018.
  This way you may have access to select courses as soon as they made are available.
- Know your Programme, Campus, Major, and Courses.
  Contact one of our SRA team who can help you www.massey.ac.nz/SRA

PICKING YOUR COURSES FOR 2018
PLANNING YOUR FIRST YEAR

1. **Choose your degree and identify possible major(s) and minor(s)**

2. **Check your degree regulations on your qualification webpage,**
   Including core courses for the degree and compulsory courses for your specialisations.

3. **Choose your courses accordingly**
   Please note the offerings for your course; is it offered in your preferred location?

QUALIFICATION: BA – BACHELOR OF ARTS (Example)
Specialisation/Major(s): A double Major – Sociology / Creative Writing with electives

Need some help planning your programme or courses?
Talk to a Massey Student Recruitment Adviser:
contact@massey.ac.nz or
0800 MASSEY (0800 627 739)

SEMESTER 1			SEMESTER 2		
COURSE NUMBER	COURSE TITLE	CAMPUS	COURSE NUMBER	COURSE TITLE	CAMPUS
230.110	Turangawaewae: Identity & Belonging	AKL	176.101	The Sociological Imagination	AKL
230.111	Tu Kupu: Writing & Inquiry	AKL	176.102	New Zealand Society	DIS
230.112	Tu Arohae: Critical Thinking	AKL	115.116	Intro to Marketing	AKL
139.123	Creative Writing	AKL	115.111	Strategic Workplace Communication	AKL

Understanding our Course Numbers:
199.101 Biology of Animals (example)

The first three numbers indicate the subject area, in this case Zoology.

The fourth number indicates the level of the course, in this case a 100-level, usually taken in first year.

The last two numbers are the course ID numbers.

GENERAL PLANNING GUIDELINES

- **120 credits in an academic year make an average fulltime workload**
  – 105 credits is the minimum fulltime workload

- **One course is usually worth 15 credits**

- **New first year students should choose 100-level courses**
  (see "understanding our course numbers").

- **You may like to cover your bases for two majors in your first year,**
  in case you change your mind.

PLEASE CONTACT OUR SRA TEAM
IF THERE ARE ANY ISSUES

What happens now?
We now await your results from your final year of High School/ College results. If you have met University Entrance requirements along with any additional programme specific requirements another offer of place will be sent out to you – you will need to accept this

CATCHING UP WITH ASSOCIATE PROFESSOR CHRIS SCOGINGS

What do you do?

I am the Programme Director for the Massey Information Sciences programmes. This role includes quality assurance of all our courses, assessing students previous study in order to award credits, and providing guidance for students on which majors and courses to select.

My research interest is in the area of Agent-based models. These are used in many different areas (Ecology, Economics, Sociology, etc) but they require careful programming and new algorithms in order to work effectively.

More information HERE

courses. Some of my colleagues prefer teaching advanced topics such as graphics and artificial intelligence, but I have always been interested in the foundations of programming. I enjoy teaching and I have received several teaching awards including Albany Lecturer of the Year (2005 and 2013) and the Massey Vice-Chancellor's Award for Teaching Excellence (2006).

What led you to your chosen field?

I knew nothing about computer programming until I attended a university Open Day and discovered Computer Science and computer programming. I found that I already had most of the abilities that make a good computer programmer. These include: an eye for detail; very pedantic (some may say OCD); persistent (it sometimes takes hours to find a single bug); a natural ability with logic (good at arguing rationally). I see this happening every year at Massey – students discovering that they fit really well into the programming world.

Experience tells me that most of our students do not know which major to select when they first start at university. For this reason, the Bachelor of Information Sciences has a standard first year that enables a student to continue to a range of different majors. Students are free to change their major at the end of the first year and many of them do this.

THE BACHELOR OF INFORMATION SCIENCE BINFSC

What is Information Sciences?

Information Sciences is an umbrella term that is used to cover a whole range of different activities involved in the production and maintenance of computer software. Computer applications are an important part of everything we do and there is a desperate shortage of skilled professionals who are ready and able to take up careers in the software industry. Massey Information Sciences graduates can select one of many challenging and well-paid occupations, and they now work in several countries around the world.

4. The Massey BInfSc is the only degree in NZ that offers the full range of ICT-related majors via online study (distance). This is really useful if you live away from a university or you need flexible hours for work or child-care. And you can combine distance courses with on-campus courses in your degree.

5. The BInfSc offers a flexible and generous cross credit system that enables you to count previously completed courses towards your degree, even if they are part of another qualification.

6. Class sizes at Massey are considerably smaller than most other universities. You get to meet your lecturers and discuss things on a one-to-one basis.

7. The Auckland Massey campus is located in Albany which is the heart of the fastest growing software industry area in NZ. The campus has strong links with local industry through the Grow North initiative. Students connect with exciting companies as interns and often also as new employees after graduation.

8. The Auckland Massey campus at Albany is the only campus in NZ that specializes in teaching students programming in C and C++. These programming languages are the foundation of all the C-related languages including C#, Visual C++, etc. Many employers are seeking developers with skills in these languages.

How does an Information Sciences degree here at Massey differ from a similar qualification elsewhere?

Reasons why you should seriously consider study at Massey:

1. The Bachelor of Information Sciences (BInfSc) is accredited by IT professionals NZ. Very few of the degrees in NZ are accredited. Accreditation gives you the assurance that the degree is approved by the IT industry and is recognized by many affiliated countries around the world. Accreditation requires a capstone course that can include working as an intern at a software company.

2. The Massey BInfSc is the only degree in NZ that offers the full range of majors across the whole ICT spectrum. Other universities offer Information Systems in a Business degree and Computer Science in a BSc. The BInfSc is the only degree in NZ that offers a major in Information Technology along with Computer Science and the other majors.

3. The BInfSc provides you with maximum flexibility. No need to worry about perhaps selecting the wrong major at the start. You can try out different subjects in first year, change your major to what really suits you best, and major (or minor) in the subject combination of your choice.

BACHELOR INFORMATION SCIENCES FACT BOX

- **UNIQUE OFFERINGS FOR MASSEY STUDENTS**
- **STUDENT EXCHANGES**
- **PROGRAMME RANKING (NATIONAL OR INTERNATIONAL)**
- **CAREER OPPORTUNITIES OR EMPLOYMENT TRENDS FOR GRADUATES**
- **JOB PLACEMENT OPPORTUNITIES WITHIN THE PROGRAMME**
- **OPTIONS FOR STUDYING (AUCKLAND, DISTANCE, PN)**
- **OTHER SKILLS LEARNT DURING TIME OF STUDY**

Majors in the Massey Bachelor of Information Sciences

Computer Science is the traditional major for software developers. Students learn how to convert requirements to algorithms; problem solving and classic solutions to problems; the effective use of data structures; and how to create and update software applications. Students can specialize in a range of topics such as artificial intelligence, graphics, concurrent programming, networks, internet programming and mobile applications.

Information Technology is a major that is unique to Massey and recognizes that many people are interested in the software industry but do want to get involved in all the technical details of the Computer Science major. The IT major focusses on the whole software lifecycle and includes topics such as analysis, requirements, interface design, testing, databases, security and privacy, web applications and the internet of things.

Software Engineering is a joint major and combines courses from both Computer Science and Information Technology. This major provides students with a blend of the technical programming skills from Computer Science with the overview of the system provided by the Information Technology courses.

Data Science is a new major and is a response to recent industry demand for graduates who can extract useful information from huge volumes of data. Skills include data mining, data transformations and data visualization techniques. The Data Science major also requires courses in programming, statistics and mathematics.

Information Systems is related to business management. This major covers topic such as management and decision making, the impact of social media on business, technology trends and governance, knowledge management, and project management for technology-based projects. Students can also include some courses from the IT major in the Information Systems major.

Careers in the Software Industry and the Massey BInfSc

There is a desperate shortage worldwide for graduates with the required skills and knowledge to contribute to the software industry. This has been the situation since 2001 and shows no sign of changing. In New Zealand, one only has to look at the volume of ICT job advertisements on websites such as seek.co.nz

The careers in the industry fall mainly into three categories:

• Software development (creating and maintaining applications). Also called software architect, software engineer, etc.

• Analysis/User requirements/website creation/testing. The "big picture" that sits around the developers.

• Specialized areas such as network administration, project management, databases, data science, security, client support, quality assurance, etc.

The Massey Bachelor of Information Sciences has been specifically designed to prepare graduates to take up careers in these areas. The Computer Science and Software Engineering majors provide the technical skills required by software developers. The Information Technology and Software Engineering majors prepare a graduate for careers in Analysis/User requirements/website creation/testing. And all the majors include courses that provide insight into the specialized areas.

What about the programme really excites you?

It is great to meet up with new BInfSc students, who feel that they are interested in a career in ICT but are not sure, and then guide then through the standard first-year courses. After they have acquired some knowledge of the various majors, we discuss and identify what direction they want to move in and which major would suit them best. We can personalize the majors to suit each individual, for example, some students can take a few Information Systems courses in their Information Technology major. And it is great to see our graduates go out into the world and get really challenging and interesting jobs across the ICT spectrum.

The BInfSc enables students to grow into all the ICT areas, gives them a good background in several subjects and enables them to mature into graduates specialized in one or two areas. Guiding students through this process is really rewarding.

Who is this programme for?

Many students miss out on a career in the software industry. This usually happens because they are guided (with the best intentions) into careers such as law, engineering and so on. It is also an unfortunate fact that it is almost impossible to determine if a person is well suited to software development or not.

We can make a list of the traits that we have noticed in successful BInfSc graduates:

• Problem solving
• Logic and rational thought
• Pedantic with a good eye for detail

However, many ICT professionals have only one (or even none) of the above. It is really important that all students take a first-year computer programming course. Who knows? You may discover a whole new world that leads to a satisfying and well-paid career. If it is not for you, a first-year course can still be counted as an elective in any degree and provides a good insight into the world of programming.

What is your advice for Future Information Sciences students?

• Students should take the standard first-year and then change the major as needed.

• Employers are falling over themselves to offer jobs to graduates.

• The Massey BInfSc is specifically aimed at the biggest gaps in the industry.

Options for studying the BInfSc

Auckland – Computer Science (maximum choice), Information Technology, Data Science, Software Engineering, Information Systems

Manawatu – Computer Science, Information Technology, Software Engineering

Distance – Computer Science, Information Technology, Software Engineering, Information Systems

The Capstone Project in the BInfSc

The project in the final year allows students to make use of all their acquired knowledge and skills. An industry-style project (usually a new software application) must be produced by a team of students working together. Projects are provided by the academic staff and may be related to recent research in a particular area. Students also have the option to work on a "real world" project, often provided by a local software company. When available, students can also meet the capstone requirements by working as an intern in a company.

CAMPUS ACCOMMODATION

All our campuses offer a variety accommodation options to enable our students get the best from their university experience, with a full residential life programme on offer and staff support 24/7.

Research has shown that students living in campus accommodation tend to achieve better academic results than those living off campus.

Accommodation Applications for 2019 will open on 1 August 2018, the deadline for the first round of offers is 1 October 2018.

All domestic school leavers require a CCRF (Common Confidential Reference Form) to be completed by their school see

HERE

If you have any queries please contact the accommodation team on:

Auckland	**09 414 0838**
Manawatu	**06 951 7163**
Wellington	**04 979 3322**

or visit our webpage **HERE**

Quotes from our residents

'Living on campus for the last three years has been such a rewarding experience! The convenience of being able to walk to class has been fantastic; Te Ohanga Village has such lovely staff that are always friendly and helpful. I have made lifelong friends during my time here, and I fully recommend the accommodation for future students looking for a safe and enjoyable home away from home'

Meg Tatton-Brown

'Living on campus is a great decision which everyone should make. It gives the best of everything, such as, friends, study environment, trips and events. By far this is the one of the finest decisions I have made in my life. I will be taking away great memories that I would have not got if I had lived off campus'

Shubham Sharma

MASSEY 2019 SCHOLARSHIPS

SUPPORT AND DEVELOP TOP PERFORMERS IN THE ACADEMIC, ARTS, ENGINEERING, SCIENCE AND SPORTING FIELDS.

MASSEY UNIVERSITY VC EXCELLENCE SCHOLARSHIPS
$7,000 PER ANNUM FOR 3 YEARS x 9

MASSEY UNIVERSITY VC HIGH ACHIEVERS WITH DISTINCTION SCHOLARSHIPS
$5,000 1ST YEAR OF STUDY AND $2,500 2ND YEAR OF STUDY x 30

MASSEY UNIVERSITY VC HIGH ACHIEVERS SCHOLARSHIPS
$3,000 1ST YEAR OF STUDY x 15

MASSEY UNIVERSITY ACADEMY OF SPORT SCHOLARSHIP
$5,000 1 YEAR OF STUDY x 25

MASSEY BUSINESS SCHOOL FUTURE LEADERS SCHOLARSHIP
$5,000 1ST YEAR OF STUDY x 40

ACCOMMODATION SCHOLARSHIP $5,000
PALMERSTON NORTH x 3 AND ALBANY x 2

SCHOLARSHIPS CLOSE ON 20TH AUGUST 2018
unless indicated otherwise

Email: scholarships@massey.ac.nz
http://www.massey.ac.nz/massey/admission/scholarships-bursaries-awards