



UNSW
CANBERRA

Australia's
Global
University

2019 Postgraduate Guide



2019



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About UNSW Canberra

Working at the intersection of a leading university and a military academy, UNSW Canberra at the Australian Defence Force Academy has been educating leaders for half a century.

Our graduates shape Australia, the region, and the international community as leaders in government, business and industry as well as defence.

We are regarded as a premier education provider excelling in teaching and research in all our

disciplines, and our Defence and non-Defence students study with us from 42 countries around the world.

We offer fully online and intense delivery mode study options for our postgraduate coursework students (masters by coursework), and excellent facilities and a supportive and stimulating environment for our postgraduate research students.



Why study with us?

UNSW is ranked 45th in the world (2018 QS World University Rankings)

World Class Research Excellence

Online masters programs

Leading **Innovators**

4 Schools

8 Research Centres

1 Research Institute

16 Research Strengths

3,500 Students

400 Staff

School of Business (SBUS)

4 online masters programs

AACSB accredited

Research Themes:

- Governance and Strategic Decision Making
- Public Sector Management
- Logistics and Business Systems Modelling

School of Engineering & Information Technology (SEIT)

11 online masters programs

Research Themes:

- Aerospace Engineering
- Cyber Secure Technologies
- Engineering for Resilience
- Technology Decision Making

School of Humanities & Social Sciences (HASS)

6 online masters programs

Research Themes:

- Social change and cultural conflict
- Culture, literature and media in war
- Military History
- Australian Literature
- Global Security
- International ethics, norms and law
- Asia-Pacific Politics and Security

School of Physical, Environmental & Mathematical Sciences (PEMS)

Research Themes:

- Human Geography: Theory, Place and Society
- Molecular Design
- Environmental Science
- Condensed Matter and Materials Physics

Who can study with us?

DEFENCE STUDENTS

As a primary education provider for the Australian Defence Force (ADF), UNSW Canberra has developed a suite of masters by coursework and research programs specifically designed for Defence needs. It is also why all of our masters by coursework programs can be undertaken either fully online, or via a combination of online and intense delivery mode courses (the latter usually being delivered over one week at our campus in Canberra)—to enable serving ADF personnel and Department of Defence public servants to study with us while working full-time, regardless of their location within Australia or overseas.

ADF staff are also able to apply for Defence funding to support their UNSW Canberra study costs.

NON-DEFENCE STUDENTS

Domestic

UNSW Canberra offers admission to all of its masters by coursework and postgraduate research programs to non-Defence students, many of whom work in business, industry, and government around Australia. The benefits of combining online masters programs with the prestige of a top global university can be demonstrated by our rapidly growing cohort of non-Defence professionals.

International

UNSW Canberra's postgraduate research cohort comprises international students from more than 45 countries around the world. We offer a supportive and stimulating research environment with state-of-the-art facilities and academic expertise.

UNSW Canberra welcomes applications for admission from international students for our masters by coursework programs. Courses within the masters programs are either delivered fully online, or as intense delivery mode, which is usually one week of face-to-face classes on campus, followed by an online component. Offshore international students are not eligible for an Australian student visa, but they may undertake intensive delivery mode courses on visitors' visas to Australia.

What we offer

UNSW Canberra offers a range of postgraduate coursework and research programs, providing a variety of pathways to pursue your academic and career goals.

Programs are classified as either postgraduate coursework or postgraduate research. These classifications determine admission requirements, program structures and content, and also tuition fee categories.

Program	Years (full time duration)	Intake	Mode	Classification
Masters Degree	1	S1 & S2	Online Online & IDM	Coursework
Master of Philosophy	1.5	S1 & S2	Campus	Research
Master by Research	2	S1 & S2	Campus	Research
Professional Doctorate	3	S1 & S2	Campus	Research
Doctor of Philosophy	3–4	S1 & S2	Campus	Research

POST- GRADUATE COURSE- WORK

What is it?

Postgraduate coursework programs provide students with a thorough understanding of the knowledge and skills necessary for them to master a particular discipline. The major component of the program is participation in semester-long courses, which can be taken at UNSW Canberra either fully online, or through Intense Delivery Mode—one week of full-time, face-to-face classes at the UNSW Canberra

campus, followed by online studies. Assessment items usually comprise the submission of essays and assignments. Some postgraduate coursework programs at UNSW Canberra also include a research project, where students who achieve an appropriate grade average can nominate to work on a more substantial piece of scholarship, under the guidance of a supervisor.

Why study postgraduate coursework at UNSW Canberra?

STUDY ANYWHERE ANYTIME AT YOUR CONVENIENCE

We understand that our students are balancing study with work, family, and other important parts of their lives, which is why we have created online, flexible masters degrees, and masters degrees delivered through Intensive Delivery Mode (IDM).

LEADING EXPERTS

Our teaching academics are leading experts in their field, drawing on strong academic backgrounds with many years of experience. Many are leaders in their field, both nationally and internationally.

NETWORKING OPPORTUNITIES

When you study with us, you also study with leaders in a range of professional fields.

In addition to a valuable learning experience, students also benefit from excellent networking opportunities with fellow students from across Defence, defence industry, government organisations and commercial businesses.

Am I eligible?

Entry into the masters by coursework programs at UNSW Canberra is available through the following pathways:

Pathway 1	Completion of a bachelor degree with Honours in the same or a related discipline from a recognised institution
Pathway 2	Completion of a graduate diploma or graduate certificate in the same or a related discipline from a recognised institution.
Pathway 3	Completion of a bachelor degree in the same or a related discipline from a recognised institution; and completion of at least three years relevant full-time professional experience.
Pathway 4	Completion of a bachelor degree in a NON-cognate discipline; and completion of at least four years relevant full-time professional experience.
Pathway 5	Evidence of other qualifications and professional experience to be assessed as acceptable grounds for admission into the program by the relevant Program Authority

Non-Award Enrolment

UNSW Canberra accepts non-award course enrolments from applicants who are interested in studying a postgraduate level course without being enrolled in a formal award program (e.g. masters degree). The non-award course enrolment is also available to students enrolled in other Australian tertiary institutions for credit towards their home

institution (cross institutional enrolment). Non-award study can also provide a pathway into UNSW Canberra postgraduate coursework degrees—successful completion of relevant non-award courses may also be credited towards postgraduate coursework programs upon admission into the program.

How do I apply for admission?

All domestic and international applicants wishing to gain entry to a postgraduate coursework program at UNSW Canberra must apply online. There are no application fees.

Apply online: <https://applyonline.unsw.edu.au/login>

POSTGRADUATE COURSEWORK APPLICATION DEADLINES 2019

	Application Deadline	Semester Starts
Semester 1	Sunday 17 February	Monday 25 February
Semester 2	Sunday 7 July	Monday 15 July

How much will my degree cost?

TUITION FEES

Tuition fee amounts are charged per unit of credit (UOC). Students are charged based on their status (domestic or international) and the classification of the course (undergraduate, postgraduate or research), also known as the course career or study level of the course. If you are a citizen or permanent resident of Australia, or a citizen of New Zealand, you are classified as a domestic student. If you do not fall into one of these categories, you are classified as an international student.

To calculate the tuition fee for a course, refer to the course prefix (eg ZBUS) and the course classification (ie postgraduate) then multiply by the UOC value of the course.

Example: A domestic postgraduate student is enrolling in the UNSW Canberra course, ZBUS8101, which has a value of 6 UOC and the course is

classified as postgraduate. The tuition fee for this course in 2018 will be $\$555 \times 6 = \$3,330$.

Please ensure that you visit one of the following links to review the most up to date tuition fee information that is relevant to you:

Domestic Fees:

<https://student.unsw.edu.au/fees-adfa-domestic>

International Fees:

<https://student.unsw.edu.au/fees-adfa-international>

Students who are sponsored by the Australian Defence Force (ADF) will not be invoiced for tuition fees for courses that are funded by the ADF.

Am I eligible for funding support?

DEFENCE FUNDED POSTGRADUATE STUDY

The ADF offers funding support to ADF members, including Reserve Force members rendering Full Time Service and Defence civilian personnel to undertake postgraduate coursework and research studies at UNSW Canberra. Eligible ADF personnel are also able to study postgraduate programs through the Capability Technology and Management College (CTMC), which is located at ADFA.

Details can be found at:

<http://www.defence.gov.au/ADFA/Applications/PostgraduateStudies.asp>

FEE-HELP

FEE-HELP is an Australian Government tuition fee loan scheme that assists eligible fee paying Australian citizens and humanitarian visa holders. Full details, including eligibility criteria, can be found at:

<https://www.studyassist.gov.au/help-loans-and-csps/fee-help>

Postgraduate Coursework Programs at a Glance

Program Name	Duration (Full Time Equivalent)	Delivery Mode*	School	Full Details
Master of Business	1 Year	Fully online	BUS	p. 14
Master of Capability Management	1 Year	Fully online / Online & IDM	SEIT	p. 17
Master of Cyber Security	1 Year	Online & IDM	SEIT	p. 18
Master of Cyber Security Operations	1 Year	Fully online / Online & IDM	SEIT	p. 20
Master of Cyber Security, Strategy and Diplomacy	1 Year	Fully online	HASS	p. 22
Master of Decision Analytics	1 Year	Online & IDM	SEIT	p. 23
Master of Engineering Science	1 Year	Fully online / Online & IDM	SEIT	p. 24
Master of Logistics Management	1 Year	Fully online / Online & IDM	BUS	p. 25
Master of Project Management	1 Year	Fully online / Online & IDM	SEIT	p. 26
Master of Public Leadership and Policy	1 Year	Fully online	HASS	p. 28

Program Name	Duration (Full Time Equivalent)	Delivery Mode*	School	Full Details
Master of Security and Defence Management	1 Year	Fully online	HASS	p. 29
Master of Space Engineering	1 Year	Online & IDM	SEIT	p. 30
Master of Space Operations	1 Year	Fully online / Online & IDM	SEIT	p. 32
Master of Special Operations and Irregular Warfare	1 Year	Fully online	HASS	p. 34
Master of Strategic People Management	1 Year	Fully online	BUS	p. 37
Master of Strategy and Security	1 Year	Fully online	HASS	p. 38
Master of Sustainment Management	1 Year	Online & IDM	BUS	p. 39
Master of Systems Engineering	1 Year	Fully online / Online & IDM	SEIT	p. 40
Master of War Studies	1 Year	Fully online	HASS	p. 43

*'Fully online' = it is possible for a student to undertake all courses within the degree program entirely online, via the online Learning Management System, MOODLE.

'Online & IDM' = some courses within the degree program may be offered via Intense Delivery Mode (IDM)—IDM courses commence with a one week, full-time class component at the UNSW Canberra campus, followed by an online component via the online Learning Management System, MOODLE.

Master of Business

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Business aims to develop excellent managers for the public, private and not-for-profit sectors, including defence. It provides students with an advanced understanding of the concepts and principles that underpin effective management, business decision making and leadership as well as analytical skills they can use throughout their career.

The degree combines a core set of business courses. The Strategic Management course is considered a capstone component and students can also select other subjects related to their interests. The degree has the option to do a research-based project that will lead to future research-focused degrees.

WHY CHOOSE THIS DEGREE?

With its structure of core and elective courses, Master of Business students become professional managers by gaining broad and deep knowledge. You will develop a systems thinking-based approach in your problem-solving ability to successfully manage businesses, which makes this degree different from most others in the market. The Master of Business at UNSW Canberra is accredited by the Association to Advance Collegiate Schools of Business (AACSB).

WHO CHOOSES THIS DEGREE?

The Master of Business is designed for postgraduate scholars and professional managers wanting to gain a more advanced understanding of the concepts and principles that underpin effective management, business decision making and leadership in organisations.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises three core courses (18 UOC) and five elective courses (30 UOC).

Core Courses

ZBUS8101 Strategic Management (6 UOC)
 ZBUS8102 Organisational Behaviour (6 UOC)
 ZBUS8108 Accounting & Financial Management (6 UOC)
 ZBUS8109 Business Law (6 UOC)

Elective Courses

ZBUS8112 Project Implementation (6 UOC)
 ZBUS8210 Critical Analysis in Business (6 UOC)
 ZBUS8103 Strategic Human Resources (6 UOC)
 ZBUS8105 Finance & Invest Appraisal (6 UOC)
 ZBUS8147 Business of Managing Projects (6 UOC)
 ZBUS8148 Economic World View (6 UOC)
 ZBUS8149 Intro to Finance (6 UOC)
 ZBUS8201 Leadership (6 UOC)
 ZBUS8203 Change Management (6 UOC)
 ZBUS8204 Marketing (6 UOC)
 ZBUS8205 Business Ethics (6 UOC)
 ZBUS8317 Workforce Planning (6 UOC)
 ZBUS8318 Cross Cultural Management (6 UOC)
 ZPEM8209 Development Geography (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

STUDENT PROFILE

ISABELE LEWTHWAITE MASTER OF BUSINESS

Isabele Lewthwaite has found that her Master of Business degree at UNSW Canberra has provided her with flexibility in more ways than one. Isabele's husband is in the Army, which takes them all over the country.

"I couldn't commit to studying part-time at a university at our current posting so online learning was my only option. With my UNSW Canberra degree I can study wherever I am, as I don't need to try and fit scheduled lectures and tutorials around work."

Although Isabele is working full time, online study options are allowing her to study at a more intense level than she initially thought she would be able to manage.

"I have been able to complete two courses per semester while working full time, which will allow me to complete my masters degree within a shorter period of time."

The degree itself is also flexible as there are a variety of courses to choose from.

"I was interested in doing a business-related degree, regardless of which jobs I pursue in the future, as it helps to build management and leadership skills in any role," Isabele says.

"The electives I choose are allowing me to develop my skills in more specific areas that are of interest to me."



Master of Capability Management

DURATION

1 year full-time equivalent

MODE

Fully online OR Online & Intense Delivery Mode

OVERVIEW

The Master of Capability Management gives students a high level of understanding of the issues associated with the development and management of capability and capability systems. It focuses on the technical and management factors that influence the design, performance, employability, logistic support and technical integrity of materiel systems to achieve capability requirements.

This degree was originally designed to meet the needs of the Defence Capability Technology Management College (CTMC). A broader version of the program is available for the general public, with electives from systems engineering and management programs.

WHY CHOOSE THIS DEGREE?

This degree is targeted towards those interested in a capability management or defence acquisition role. It is unique in Australia due to its focus on capability management, but access to many electives allows students to tailor their degree to their needs.

WHO CHOOSES THIS DEGREE?

It is designed for postgraduate scholars and professional managers who want a more detailed understanding of the managerial and technical skills and expertise relevant to planning and acquisition of complex technology and systems.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises three core courses (18 UOC) and five elective courses (30 UOC).

Core Courses

ZBUS8147 Business of Managing Projects (6 UOC)
ZBUS8302 Logistics Management (6 UOC)
ZBUS8306 Engineering Logistics (6 UOC)*
ZBUS8912 Project Management (6 UOC)*
ZEIT8226 Systems Engineering Practice (6 UOC)
ZEIT8230 Requirements Practice (6 UOC)

Elective Courses

ZBUS8101 Strategic Management (6 UOC)
ZBUS8303 Strategic Procurement Outsourcing (6 UOC)
ZBUS8911 Asset Management (6 UOC)*
ZBUS8913 Leadership Change & Innovation (6 UOC)*
ZEIT8015 Cyber Operations (6 UOC)
ZEIT8031 Reliability Engineering Fundamentals (6 UOC)
ZEIT8136 Software Project Management (6 UOC)
ZEIT8231 Test and Evaluation (6 UOC)
ZEIT8302 Project Administration (6 UOC)
ZEIT8305 Systems Thinking and Modelling (6 UOC)
ZEIT8402 Evidence-based Decision Making (6 UOC)
ZEIT8403 Capability Option Analysis (6 UOC)
ZINT8301 Lethality and Survivability (6 UOC)*

**Only available to Capability and Technology Management College (CTMC) students or other Australian Defence personnel on approval from the Director, CTMC.*

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Cyber Security

DURATION

1 year full-time equivalent

MODE

Online and Intense Delivery Mode

OVERVIEW

The Master of Cyber Security is a coursework degree designed for students who want a more detailed understanding of the technical skills and expertise needed for the technical implementation and leadership of the cyber security function.

The degree provides principles gathered from information systems, systems engineering, computer science, network security and defence to enhance a career as a cyber security specialist.

Most of the core courses are offered via intense delivery mode, where students have access to the specially equipped Cyber Range laboratory, which is unique and the largest in Australia in terms of the number of students who can simultaneously participate in lab pracs.

Students can choose to complete the generalist Master of Cyber Security program or one of the following specialisations:

- Advanced Tradecraft
- Digital Forensics

WHY CHOOSE THIS DEGREE?

This degree is designed to meet the demand for technical experts who can implement and lead the technical cyber security function. It equips graduates with multidisciplinary aspects of cyber security that they can apply to workforces and in everyday situations. While completing core courses, students will have access to the unique Cyber Range laboratory.

WHO CHOOSES THIS DEGREE?

This degree is designed for postgraduate scholars and professional managers interested in gaining technical skills and expertise through practical implementation and leadership of the cyber security offence and defence. Graduates will be able to implement and lead the technical cyber security function in defence, government, law enforcement and industry organisations.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC) for the general program. Students can also choose to undertake one of the specialisations on offer in the program, which comprise a different breakdown of core and elective courses (see below).

Cyber Security—General

Students must complete four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8020 Cyber Offence: Threats and Opportunities (6 UOC)
 ZEIT8021 Information Assurance and Security (6 UOC)
 ZEIT8023 Wireless, Mobile and Internet of Things Security (6 UOC)
 ZEIT8026 Cyber Defence: Network Security Operations (6 UOC)

Elective Courses

ZEIT8024 Software Security Lifecycle (6 UOC)
 ZEIT8025 Reverse Engineering (6 UOC)
 ZEIT8027 CICSS (6 UOC)
 ZEIT8028 Computer Forensics (6 UOC)
 ZEIT8029 NWMobile&DevForensics (6 UOC)
 ZEIT8030 BDDAS (6 UOC)
 ZEIT8036 Humans and Security (6 UOC)
 ZEIT8042 Modern Exploit Development (6 UOC)

Cyber Security—Digital Forensics

Students must complete six core courses (36 UOC) and two electives course (12 UOC).

Core Courses

ZEIT8020 Cyber Offence: Threats and Opportunities (6 UOC)
 ZEIT8021 Information Assurance and Security (6 UOC)
 ZEIT8022 Identity and Access Management (6 UOC)
 ZEIT8025 Reverse Engineering (6 UOC)
 ZEIT8028 Digital Forensics (6 UOC)
 ZEIT8029 Network and Memory Forensics (6 UOC)

Elective Courses

ZEIT8023 Wireless Security IoT (6 UOC)
 ZEIT8024 Software Security Lifecycle (6 UOC)
 ZEIT8026 Network Security Operations (6 UOC)
 ZEIT8027 CICSS (6 UOC)
 ZEIT8030 BDDAS (6 UOC)
 ZEIT8042 Modern Exploit Development (6 UOC)
 ZEIT8137 System Management and Security (6 UOC)
 ZEIT8146 Intrusion Detection Systems (6 UOC)

Cyber Security—Advanced Tradecraft

Students must complete seven core courses (42 UOC) and one elective course (6 UOC)

Core Courses

ZEIT8020 Cyber Offence: Threats and Opportunities (6 UOC)
 ZEIT8021 Information Assurance and Security (6 UOC)
 ZEIT8023 Wireless, Mobile and Internet of Things Security (6 UOC)
 ZEIT8025 Reverse Engineering (6 UOC)
 ZEIT8026 Cyber Defence: Network Security Operations (6 UOC)
 ZEIT8030 Big Data and Decision Analytics for Security (6 UOC)
 ZEIT8042 Introduction to Exploit Development (6 UOC)

Elective Courses

ZEIT8027 CICSS (6 UOC)
 ZEIT8028 Digital Forensics (6 UOC)
 ZEIT8029 Network and Memory Forensics (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Cyber Security Operations

DURATION

1 year full-time equivalent

MODE

Fully online OR online and Intense Delivery Mode

OVERVIEW

The Master of Cyber Security Operations is designed to meet the demand for executives and managers who oversee the cyber security function in government, industry, law enforcement and defence. It gives students a detailed understanding of the managerial and technical skills and expertise relevant to planning, operation and acquisition of the cyber security function.

This coursework degree provides principles gathered from information systems, cyber security, risk, management and governance and is for managers wanting to enhance their career in cyber security operations.

Cyber Security Operations offers opportunities for international education. Through UNSW's PLuS Alliance partnership, our students have access to courses at Arizona State university (ASU) in the US and King's College in the UK.

WHY CHOOSE THIS DEGREE?

This degree equips graduates with multidisciplinary aspects of cyber security that they can apply to workforces and in everyday situations.

WHO CHOOSES THIS DEGREE?

This degree is for those in all levels of management in cyber security in defence, government, and a wide range of public-sector and commercial industry organisations.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8017 Cyber Crime and Cyber Security (6 UOC)
 ZEIT8018 Cyber Resilience: Management Governance and Acquisition (6 UOC)
 ZEIT8032 Info. Assurance Principles (6 UOC)
 ZEIT8037 Cyber Security Risk Management (6 UOC)

Elective Courses

ZEIT8019 Intrusion Analysis and Response (6 UOC)
 ZEIT8020 Computer Network Operations (6 UOC)
 ZEIT8026 Network Security Operations (6 UOC)
 ZEIT8027 Critical Infrastructure and Control System Security (6 UOC)
 ZEIT8028 Digital Forensics (6 UOC)
 ZEIT8030 Big Data and Decision Analytics for Security (6 UOC)
 ZEIT8033 CI Security Policy & Gov (6 UOC)
 ZEIT8035 Cyber Terrorism (6 UOC)
 ZEIT8036 Humans and Security (6 UOC)
 ZEIT8043 Cyber and the Law (6 UOC)

PLuS Alliance Course

YCAN8000 US Cyber Pol & Info Security (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

STUDENT PROFILE

ANNE COULL MASTER OF CYBER SECURITY OPERATIONS

With the need for high-level cyber security expertise and knowledge never greater, Master of Cyber Security Operations student Anne Coull is already applying knowledge from her course to her current role in information security at Westpac.

"I've been responsible for creating a cyber resilient culture across Westpac, and will also be doing this across other organisations and community groups," Anne says.

Through her degree, as well as previous experience in technology and change management, Anne has worked to translate complex cyber terms into actionable steps that people can follow to protect themselves from cybercrime.

"Cyber is a growing field, and a very interesting field to be working in. It is one that offers lots of opportunity," she says.

"This particular degree is suitable for people like me who are explaining and dealing with cyber issues to all types of people, from technical developers and service management people, to the public and business people. I needed to understand cyber at all these levels."

Anne says the ability to complete her degree online enables her to keep the family running, maintain a full-time role, and study at the same time.

"I can be studying while commuting and while I am at home in the evenings. I would not have been able to pursue this masters degree if it was all class room delivered," she says.



Master of Cyber Security, Strategy and Diplomacy

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Cyber Security, Strategy and Diplomacy provides advanced interdisciplinary study into the political, military, diplomatic and higher-level management aspects of issues where cyber security, strategy and diplomacy interact. This degree provides students with the ability to understand the main policy, operational, ethical and informational challenges for security resulting from the integration or penetration of advanced information technologies into all spheres of human activity.

This degree offers opportunities for international education. Through UNSW's PLuS Alliance partnership, our students have access to courses at Arizona State university (ASU) in the US and King's College in the UK.

WHY CHOOSE THIS DEGREE?

With governments, enterprises, communities and civil society around the world grappling with strategy and regulation for the new domain of cyberspace, this degree focuses on the main policy, operational, ethical and informational challenges.

WHO CHOOSES THIS DEGREE?

This degree is intended for students working in defence, justice, public safety, regulatory, management and information sciences.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8032 Info. Assurance Principles (6 UOC)
ZHSS8441 Cyber-Security (6 UOC)
ZHSS8455 Australian Cyber Diplomacy (6 UOC)
ZHSS8457 Cyber Security in Asia (6 UOC)

Elective Courses

Strategy and Politics (maximum two courses)

ZHSS8125 Strategic Communication (6 UOC)
ZHSS8221 Development of the Art of War (6 UOC)
ZHSS8403 Global Security (6 UOC)
ZHSS8409 Asia-Pacific Security (6 UOC)
ZHSS8410 Australian Defence Policy (6 UOC)
ZHSS8430 China's Security Policy (6 UOC)
ZHSS8438 The Justice of War (6 UOC)
ZHSS8440 Delinquent Organisations (6 UOC)
ZHSS8456 Australian Cyber Forces (6 UOC)
ZHSS8458 Cyber Policy in China (6 UOC)

Technology and Security (maximum two courses)

ZEIT8015 Cyber Operations (6 UOC)
ZEIT8017 Cyber Crime and Cyber Security (6 UOC)
ZEIT8018 Cyber Defence (6 UOC)
ZEIT8019 Intrusion Analysis & Response (6 UOC)
ZEIT8020 Computer Network Operations (6 UOC)
ZEIT8024 Software Security Lifecycle (6 UOC)
ZEIT8028 Digital Forensics (6 UOC)
ZEIT8036 Humans and Security (6 UOC)
ZEIT8302 Project Administration (6 UOC)
ZEIT8403 Capability Option Analysis (6 UOC)

PLuS Alliance

YCAN8000 US Cyber Pol & Info Security (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Decision Analytics

DURATION

1 year full-time equivalent

MODE

Online & Intense Delivery Mode

OVERVIEW

The Master of Decision Analytics is designed for students who want to develop a high-level understanding of the principles and practices of decision analytics and to strengthen their skills in this area. The degree allows students to acquire qualitative and quantitative decision-making tools for analysing complex operations environments and making appropriate decisions within those environments.

WHY CHOOSE THIS DEGREE?

Government organisations, including defence, and industry are more and more focused on making decisions and policies based on evidence. This program will provide students with the opportunity to explore the methodologies used to gather evidence and the frameworks for good decision making.

WHO CHOOSES THIS DEGREE?

This degree is intended for students working in management and policy roles in defence, government organisations, and industry.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8402 Evidence-based Decision Making (6 UOC)
ZEIT8403 Capability Option Analysis (6 UOC)
ZEIT8404 Decision Making Analytics (6 UOC)
ZEIT8412 Simulation (6 UOC)

Elective Courses

ZEIT8034 Advanced T and E Techniques (6 UOC)
ZEIT8038 Probabilistic Risk Assessment (6 UOC)
ZEIT8303 Project Management Body of Knowledge (6 UOC)
ZEIT8305 Systems Thinking and Modelling (6 UOC)
ZEIT8307 System Dynamics Modelling (6 UOC)
ZEIT8413 Simulation Applications (6 UOC)
ZEIT8416 Research Practice Ops Analysis (6 UOC)
ZPEM8309 Applications of Data Analysis (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Engineering Science

DURATION

1 year full-time equivalent

MODE

Fully online OR online & Intense Delivery Mode

OVERVIEW

The Master of Engineering Science provides the opportunity for students to acquire high-level understanding and advanced analytical skills in areas that span the engineering disciplines as well as project management incorporating those disciplines. There is strong emphasis on extending undergraduate skills and vocational experiences to enable graduates to apply high-level understanding to real-world complex engineering problems. It is a very flexible degree where students can acquire knowledge in different areas in engineering.

WHY CHOOSE THIS DEGREE?

This degree will improve your ability to analyse complex systems, and it will develop your analytical skills and your ability to apply high-level engineering concepts to problem-solving and management of projects.

WHO CHOOSES THIS DEGREE?

The Master of Engineering Science is aimed at students who wish to acquire high-level knowledge and advanced analytical skills in engineering and data communications.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises eight courses.

Courses

ZEIT8008 Space Systems Design (6 UOC)
 ZEIT8009 Global Navigation Systems (6 UOC)
 ZEIT8023 Wireless Security (6 UOC)
 ZEIT8115 Information Operations (6 UOC)
 ZEIT8119 Internetworking (6 UOC)
 ZEIT8152 Reliability Program Management (6 UOC)
 ZEIT8219 Satellite Communications (6 UOC)
 ZEIT8221 Spaceborne Imaging Technology (6 UOC)
 ZEIT8229 Non-Comm. Warfare (6 UOC)
 ZEIT8233 Explosive Ordnance Technology (6 UOC)
 ZEIT8236 System Safety Engineering (6 UOC)
 ZEIT8298 Project Report—Eng Sc PT (6 UOC)
 ZEIT8299 Project Report—Eng Sc FT (12 UOC)
 ZEIT8413 Simulation Applications (6 UOC)
 ZEIT8506 Weapons Engineering (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Logistics Management

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Logistics Management looks at managing an organisation's supply chain from a dual perspective of operations management and efficient business decision making. This approach emphasises the what and the how of inter-related activities of supply chain success to enable logistics managers to develop appropriate strategies.

This degree covers advanced logistics planning strategies, logistics life-cycle management, inventory management, contingency forecasting, distribution and reverse logistics. It also develops students' understanding of analytical tools and systems for information flow management, including big data analysis and business intelligence techniques.

The degree has an option for a research-based project that will lead to future research-focused degrees.

WHY CHOOSE THIS DEGREE?

The Master of Logistics Management has a combined perspective of operations management and efficient business decision making required for supply chain success, which makes it different from most other supply chain management programs in the market.

WHO CHOOSES THIS DEGREE?

The Master of Logistics Management is designed for logistics managers working in the private, public and defence sectors who want a more thorough understanding of logistics concepts and techniques.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZBUS8147 Business of Managing Projects (6 UOC)
ZBUS8302 Logistics Management (6 UOC)
ZBUS8306 Engineering Logistics (CTMC) (6 UOC)
ZBUS8313 Risk Management in Logistics (6 UOC)
ZEIT8226 Systems Engineering Practice (6 UOC)

Elective Courses

ZBUS8101 Strategic Management (6 UOC)
ZBUS8108 Accounting & Financial Management (6 UOC)
ZBUS8109 Business Law (6 UOC)
ZBUS8203 Change Management (6 UOC)
ZBUS8208 Humanitarian Logistics (6 UOC)
ZBUS8210 Critical Analysis in Business (6 UOC)
ZBUS8911 Asset Management (6 UOC)
ZEIT8402 Evidence-based Decision Making (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Project Management

DURATION

1 year full-time equivalent

MODE

Fully online OR Online and Intense Delivery Mode

OVERVIEW

The Master of Project Management provides students with an understanding of and advanced analytical skills in the key areas required to manage a project including: integration management, scope management, communications management, risk management, quality management, schedule management, cost management, HR management and procurement management. There is a strong emphasis on extending skills and knowledge and vocational experiences to enable graduates to apply their high-level understanding to real-world problems within any industry.

WHY CHOOSE THIS DEGREE?

The Master of Project Management provides understanding and advanced analytical skills in the key areas required to manage a project. The knowledge and skills learned can be applied in different industries, and the program is accredited by the Australian Institute of Project Management (AIPM).

WHO CHOOSES THIS DEGREE?

The Master of Project Management is designed for professionals and postgraduate scholars who want to develop a deeper understanding of the principles and practices of project management and to strengthen their skills in this area. It is open to students with a background in any discipline.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises two compulsory courses (12 UOC), two core courses (12 UOC) and four elective courses (24 UOC).

Compulsory Courses

ZEIT8230 Requirements Practice (6 UOC)
ZEIT8303 Project Management Body of Knowledge (6 UOC)

Core Courses

ZBUS8147 Business of Managing Projects (6 UOC)
ZEIT8302 Project Administration (6 UOC)
ZEIT8305 Systems Thinking and Modelling (6 UOC)

Elective Courses

ZBUS8101 Strategic Management (6 UOC)
ZBUS8103 Strategic Human Resources (6 UOC)
ZBUS8108 Accounting & Financial Management (6 UOC)
ZBUS8109 Business Law (6 UOC)
ZBUS8203 Change Management (6 UOC)
ZEIT8226 Systems Engineering Practice (6 UOC)
ZEIT8307 System Dynamics Modelling (6 UOC)
ZEIT8403 Capability Option Analysis (6 UOC)
ZEIT8404 Decision Making Analytics (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters



STUDENT PROFILE

CHARMAINE MONTGOMERY MASTER OF PROJECT MANAGEMENT

Charmaine Montgomery says it was positive word-of-mouth from friends and colleagues about their experience at UNSW Canberra that convinced her to enrol in a Master of Project Management.

"A friend spoke very highly of her advisors and the University, so when I was in a position to consider studying myself, it was one of the first places that sprang to mind," Charmaine says.

"Life is pretty busy when you work full time and you're a parent, so I had to know that I would be able to fit study around my other commitments. I knew that UNSW Canberra would have the infrastructure and support mechanisms that would suit study by distance."

Charmaine says the degree has also opened up job options and broadened her outlook.

"The possibilities are endless," she says. "This degree will also enhance my current role by helping identify efficiencies in scheduling and identify problems early in the process."

Charmaine says what she loves most about studying online is being able to continue to stick to her job and family commitments. She says she can comfortably arrange study because course resources are clearly sequenced and accessible.

"While studying I have travelled interstate a number of times for Air Force Reserve service. I love that I'm not limited to having to be at home or at my normal place of work. So long as I have organised my resources, I can meet my learning goals from pretty much anywhere," she says.

While Charmaine is a big advocate of online study, she's also taken advantage of completing an intensive delivery mode module.

"I'm a very kinaesthetic visual learner, so having someone show me how to do causal loop diagrams made so much more sense. There was also great value in the discussions between lectures—it really helped cement some concepts," she says.

Master of Public Leadership and Policy

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Public Leadership and Policy concentrates on exercising and enriching leadership in professional contexts ranging from government departments and statutory authorities, to educational bodies and training authorities, media organisations and advocacy groups.

Located in the nation's capital in the midst of government and non-government organisations, UNSW Canberra is uniquely placed to interact with Australia's most prominent public leaders. It provides an excellent venue for theorists and practitioners to enhance and expand the study of institutional leadership in settings beyond the corporate sector, and offers students the chance to engage with the nation's most respected public leaders and policy developers on a personal level.

Students can combine a combination of courses focused on public leadership alongside a rich selection of electives addressing broader issues related to local, national, and global policy and its implementation.

WHY CHOOSE THIS DEGREE?

This program offers an exciting opportunity for those who lead, or seek to lead, in the public arena to go beyond polemical rhetoric to research-based practice. Students can combine a combination of courses focused specifically on public leadership alongside a rich selection of electives addressing broader issues related to local, national, and global policy and its implementation.

WHO CHOOSES THIS DEGREE?

The Master of Public Leadership and Policy is for those occupying or aspiring to positions of public leadership as well as students seeking to develop a research competence in this highly significant emerging field.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises two core courses (12 UOC), a research project (12 UOC) and four elective courses (24 UOC).

Core Courses

ZBUS8201 Leadership (6 UOC)
ZHSS8460 Power and Aust Gov Policy (6 UOC)
ZHSS8501 Principles Public Leadership (6 UOC)

Research Courses

ZHSS8400 Research Project (single session) (12 UOC)
ZHSS8401 Research Project (full year) (6 UOC)

Elective Courses

ZBUS8101 Strategic Management (6 UOC)
ZBUS8203 Change Management (6 UOC)
ZBUS8314 People and Systems (6 UOC)
ZBUS8318 Cross Cultural Management (6 UOC)
ZHSS8125 Strategic Communication (6 UOC)
ZHSS8410 Australian Defence Policy (6 UOC)
ZHSS8437 Global Justice (6 UOC)
ZHSS8440 Delinquent Organisations (6 UOC)
ZHSS8441 Cyber-Security (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Security and Defence Management

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Security and Defence Management is designed for defence, security and foreign affairs professionals who wish to gain a more detailed understanding of the factors shaping the contemporary strategic and security environment, the complex policy challenges they present, and the skills and insights required of astute managers within this context.

WHY CHOOSE THIS DEGREE?

Students undertaking this program will develop an awareness of the local and global dimensions of strategy and management in the defence environment.

WHO CHOOSES THIS DEGREE?

The Master of Security and Defence Management is designed for defence, security and foreign affairs professionals.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises at least three courses (18 UOC) from each of the following lists.

Security

(Students must select a minimum of three courses)

ZHSS8403 Global Security (6 UOC)
 ZHSS8409 Asia-Pacific Security (6 UOC)
 ZHSS8410 Australian Defence Policy (6 UOC)
 ZHSS8430 China's Security Policy (6 UOC)
 ZHSS8435 Contemporary Strategy (6 UOC)
 ZHSS8442 Conflict Transformation (6 UOC)
 ZHSS8452 Weapons of Mass Destruction (6 UOC)
 ZHSS8453 Culture and Conflict (6 UOC)

Management

(Students must select a minimum of three courses)

ZBUS8101 Strategic Management (6 UOC)
 ZBUS8103 Strategic Human Resources (6 UOC)
 ZBUS8109 Business Law (6 UOC)
 ZBUS8201 Leadership (6 UOC)
 ZBUS8205 Business Ethics (6 UOC)
 ZBUS8302 Logistics Management (6 UOC)
 ZBUS8303 Strat Procurement Outsourcing (6 UOC)
 ZBUS8309 Projects in the Public Sector (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Space Engineering

DURATION

1 year full-time equivalent

MODE

Online and Intense Delivery Mode

OVERVIEW

The Master of Space Engineering is designed for those who want to develop a high-level understanding of the principles and practices of engineering related to space systems and to strengthen their skills in this area.

WHY CHOOSE THIS DEGREE?

Students undertaking this program will obtain a grounding in the discipline of systems engineering, and apply that body of knowledge to space systems.

WHO CHOOSES THIS DEGREE?

The Master of Space Engineering is designed for those who want to develop a high-level understanding of the principles and practices of engineering related to space systems.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four compulsory courses (24 UOC) and four elective courses (24 UOC).

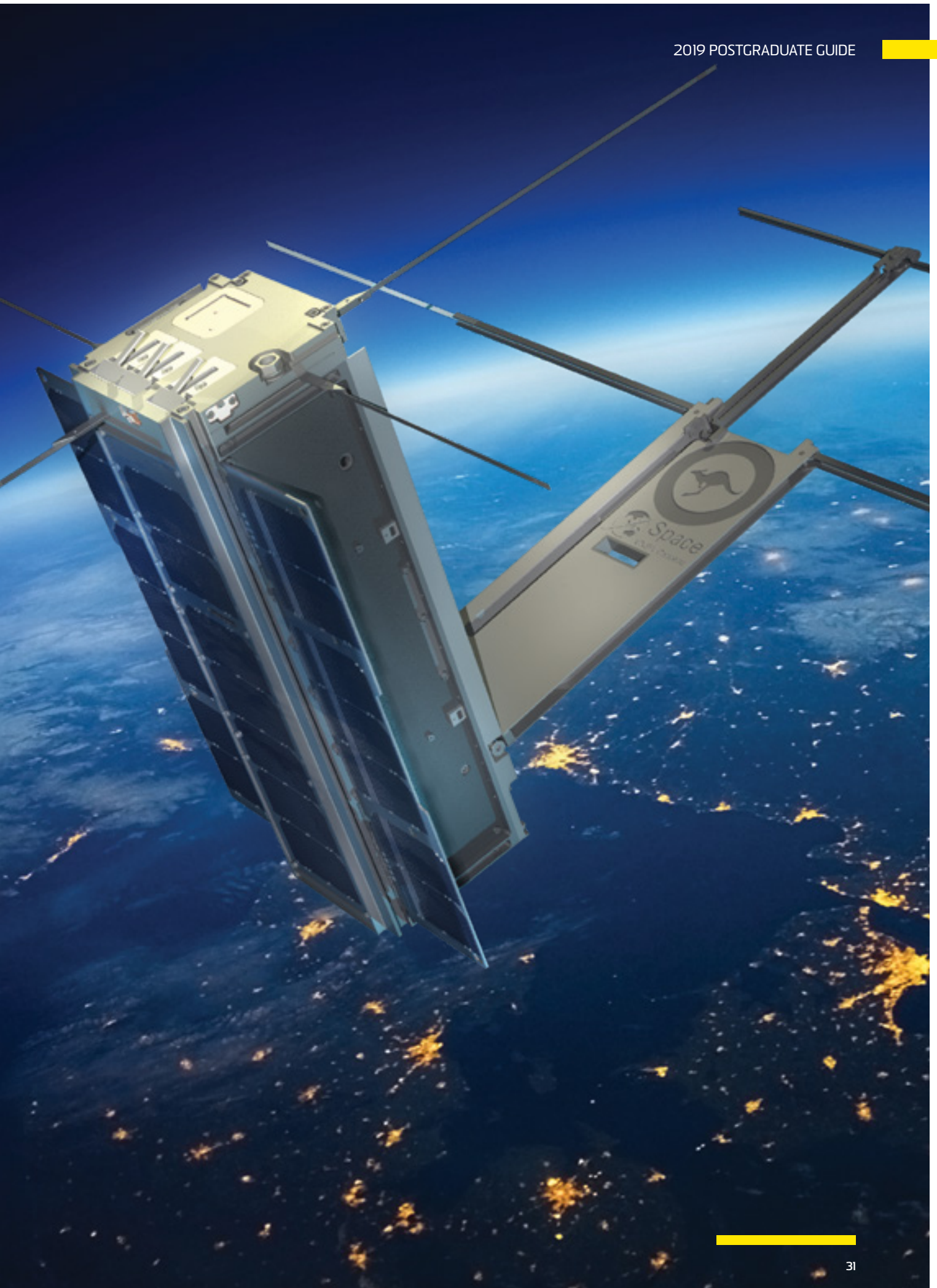
Compulsory Courses

ZEIT8007 Space Operations (6 UOC)
 ZEIT8008 Space Systems Design (6 UOC)
 ZEIT8009 Global Navigation Systems (6 UOC)
 ZEIT8012 Space Systems Engineering (6 UOC)

Elective Courses

ZEIT8032 Info. Assurance Principles (6 UOC)
 ZEIT8033 CI Security Policy & Gov (6 UOC)
 ZEIT8219 Satellite Communications (6 UOC)
 ZEIT8221 Spaceborne Imaging Technology (6 UOC)
 ZEIT8230 Requirements Practice (6 UOC)
 ZEIT8231 Test and Evaluation (6 UOC)
 ZEIT8297 Project Report—Sys Eng FT (12 UOC)
 ZEIT8303 Project Mgmt Body of Knowledge (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters



Master of Space Operations

DURATION

1 year full-time equivalent

MODE

Fully online OR online and Intense Delivery Mode

OVERVIEW

The Master of Space Operations is designed for those who wish to gain a more detailed understanding of the managerial and technical skills and expertise relevant to planning, operation and acquisition of space systems.

WHY CHOOSE THIS DEGREE?

This degree provides students with the opportunity to develop an understanding of the processes and practices associated with the operational requirements for space systems, to be able to meet a variety of space mission objectives.

WHO CHOOSES THIS DEGREE?

The Master of Space Operations is designed for those wishing to examine issues in space operations and aspects of space applications.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8007 Space Operations (6 UOC)
 ZEIT8011 Space Systems Technology (6 UOC)
 ZEIT8012 Space Systems Engineering (6 UOC)
 ZEIT8303 Project Management Body of Knowledge (6 UOC)

Elective Courses

ZEIT8009 Global Navigation Systems (6 UOC)
 ZEIT8018 Cyber Defence (6 UOC)
 ZEIT8032 Info. Assurance Principles (6 UOC)
 ZEIT8033 CI Security Policy & Gov (6 UOC)
 ZEIT8219 Satellite Communications (6 UOC)
 ZEIT8221 Spaceborne Imaging Technology (6 UOC)
 ZEIT8230 Requirements Practice (6 UOC)
 ZEIT8231 Test and Evaluation (6 UOC)
 ZEIT8403 Capability Option Analysis (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

STUDENT PROFILE

BEN PIGGOTT MASTER OF SPACE OPERATIONS

As a Navy Lieutenant, Master of Space Operations student Ben Piggott was interested in being able to study flexibly online at UNSW Canberra and even started his degree while deployed in a submarine.

"That pretty much represents the gold standard in academic flexibility," Ben says.

"Online and intensive delivery modes mean that I have much more flexibility to schedule study commitments around work and family."

Ben realised early in his career that further study would allow him to contribute to improving space systems knowledge in the Navy.

"Space is a fascinating environment for most academic disciplines and UNSW Canberra has a reputation for world-class engineering research and education. The University is doing pioneering work in Australia to design, build and fly space missions," Ben says.

Ben believes a masters degree from UNSW has international credibility because teaching is delivered by experts who practice what they teach.

"With postgraduate education considered favourably for promotion in the Navy and for more senior positions in industry, I'm confident my study will be valuable across a range of technical management jobs, and particularly in the space industry," he says.

Master of Special Operations and Irregular Warfare

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Special Operations and Irregular Warfare is aimed at military personnel and those in the security policy community, including security contractors, who would benefit from a better understanding of special operations as a military instrument. Postgraduate scholars seeking to develop a research competence in this field will also find this degree a valuable foundation.

It offers students a combination of core courses on special operations alongside electives addressing broader issues in strategy and security. This dual approach provides both a focused view of special operations and an understanding of their context.

WHY CHOOSE THIS DEGREE?

This is the only degree of its kind in Australia, and it is developed by Special Operations Command personnel in conjunction with UNSW academics.

WHO CHOOSES THIS DEGREE?

This degree is ideal for special operations and other military personnel seeking to broaden their understanding of special operations beyond the tactical and operational skills and capabilities involved. It also provides an excellent framework for other government employees and contractors who require a good understanding of special operations.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZHSS8231 The History of Special Operations (6 UOC)
 ZHSS8459 Special Operations: Theory and Strategic Utility (6 UOC)
 ZHSS8461 GRIM Threats (Guerilla, Revolutionary, Insurgent and Militia) and Irregular Warfare (6 UOC)
 ZHSS8462 Ethics in Special Operations and Irregular Warfare (6 UOC)

Elective Courses

ZHSS8210 Genocide (6 UOC)
 ZHSS8217 Amphibious Warfare (6 UOC)
 ZHSS8221 Development of the Art of War (6 UOC)
 ZHSS8225 Australian Military History (6 UOC)
 ZHSS8226 The Vietnam Wars (6 UOC)
 ZHSS8403 Global Security (6 UOC)
 ZHSS8410 Australian Defence Policy (6 UOC)
 ZHSS8417 Air Power in the 21st Century (6 UOC)
 ZHSS8435 Contemporary Strategy (6 UOC)
 ZHSS8438 The Justice of War (6 UOC)
 ZHSS8439 Reforming Repressive Regimes (6 UOC)
 ZHSS8452 Weapons of Mass Destruction (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters



STUDENT PROFILE

SAMANTHA DENNIS | MASTER OF STRATEGIC PEOPLE MANAGEMENT

In a busy role as an Airport Operations Manager for Qantas Airways, Samantha Dennis was looking for a high-quality masters program that she could study online.

"UNSW Canberra has a reputation for academic excellence and the courses on offer are wide and varied. The uni also offers excellent online support, which makes studying remotely very achievable," Samantha says.

Samantha says online learning has been an effective way to successfully balance work and family life, while being able to achieve her academic goals.

"I can fit study around competing work and family commitments, which has allowed me to successfully complete up to two subjects in a semester while working full time and balancing important, much-needed family time," she says.

Samantha decided the Master of Strategic People Management was the best choice for her to enhance her knowledge, with the degree aligning perfectly with her career goals and also helping secure her current role at Qantas.

"Having worked in Defence for more than sixteen years, I have experience in personnel and business management. However, this degree has enhanced my confidence and expertise, particularly in relation to strategic management, strategic human resources, change management and systems thinking related workplace opportunities," she says.



Master of Strategic People Management

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Strategic People Management is designed to develop middle managers, particularly in people management. Middle managers are a key element of organisational change, but few university-level courses focus on their specific challenges.

This degree provides students with an understanding of systems theory and its implications for implementation. Rather than looking at HR aspects as discrete elements, we integrate ideas to help develop strategies for developing and sustaining individual and organisational capability. The idea is to enable managers to interpret organisational strategy and develop appropriate, people-focused implementation plans.

The program includes optional research project courses that enable students to produce a substantial piece of research-based scholarship during their degree.

WHY CHOOSE THIS DEGREE?

The Master of Strategic People Management is currently the only masters degree that it is designed for line managers who want to focus more on people management than general business. It has systems thinking and implementation as core ideas running through it, which also makes it different from most HR programs.

WHO CHOOSES THIS DEGREE?

The Master of Strategic People Management is designed for postgraduate scholars and professional managers wanting a more advanced understanding of the concepts and principles that underpin strategic people management and effective leadership.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZBUS8101 Strategic Management (6 UOC)
ZBUS8314 People and Systems (6 UOC)
ZBUS8315 Driving Performance (6 UOC)
ZBUS8316 Developing Org Capability (6 UOC)

Elective Courses

ZBUS8102 Organisational Behaviour (6 UOC)
ZBUS8103 Strategic Human Resources (6 UOC)
ZBUS8108 Accounting & Financial Management (6 UOC)
ZBUS8109 Business Law (6 UOC)
ZBUS8147 Business of Managing Projects (6 UOC)
ZBUS8201 Leadership (6 UOC)
ZBUS8203 Change Management (6 UOC)
ZBUS8204 Marketing (6 UOC)
ZBUS8205 Business Ethics (6 UOC)
ZBUS8208 Humanitarian Logistics (6 UOC)
ZBUS8210 Critical Analysis in Business (6 UOC)
ZBUS8308 Business Planning (6 UOC)
ZBUS8317 Workforce Planning (6 UOC)
ZBUS8501 Research Project—Business (6 UOC)
ZEIT8402 Evidence-based Decision Making (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Strategy and Security

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of Strategy and Security is designed for postgraduate scholars and foreign affairs, security and defence professionals who want to gain a deeper and more advanced understanding of the factors shaping the global and Asia-Pacific security and strategic environments, as well as the complex policy challenges presented by the Australian government's new security agenda. Among these are issues around international relations, non-state actors, regional and international security regimes, strategic planning, diplomacy and intelligence, traditional and human security, contemporary and historical conflicts, and the role of armed forces.

WHY CHOOSE THIS DEGREE?

Students undertaking this program will gain an understanding of the factors shaping the global and Asia-Pacific security environments.

WHO CHOOSES THIS DEGREE?

This degree is designed for scholars and professionals wanting to understand Australia's engagement with the global and Asia-Pacific security environments.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises three core courses (18 UOC) and five elective courses (30 UOC).

Core Courses

ZHSS8403 Global Security (6 UOC)
 ZHSS8409 Asia-Pacific Security (6 UOC)
 ZHSS8410 Australian Defence Policy (6 UOC)
 ZHSS8435 Contemporary Strategy (6 UOC)
 ZHSS8440 Delinquent Organisations (6 UOC)
 ZHSS8460 Power and Aust Gov Policy (6 UOC)

Elective Courses

Defence and Strategic Policy

ZHSS8217 Amphibious Warfare (6 UOC)
 ZHSS8221 Development of the Art of War (6 UOC)
 ZHSS8417 Air Power in the 21st Century (6 UOC)
 ZHSS8431 Comparative Defence Planning (6 UOC)
 ZHSS8438 The Justice of War (6 UOC)
 ZHSS8503 Moral Leadership Complex Ops (6 UOC)

Global and Regional Security

ZHSS8407 Global Governance (6 UOC)
 ZHSS8430 China's Security Policy (6 UOC)
 ZHSS8437 Global Justice (6 UOC)
 ZHSS8439 Reforming Repressive Regimes (6 UOC)
 ZHSS8441 Cyber-Security (6 UOC)
 ZHSS8452 Weapons of Mass Destruction (6 UOC)

International Dynamics

ZHSS8102 American Empire (6 UOC)
 ZHSS8210 Genocide (6 UOC)
 ZHSS8227 Civil Wars (6 UOC)
 ZHSS8442 Conflict Transformation (6 UOC)
 ZHSS8463 Politics of International Law (6 UOC)

Cultural Dynamics

ZHSS8002 Social Research Methods (6 UOC)
 ZHSS8103 Nearest Neighbours (6 UOC)
 ZHSS8125 Strategic Communication (6 UOC)
 ZHSS8453 Culture and Conflict (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Sustainment Management

DURATION

1 year full-time equivalent

MODE

Online and Intense Delivery Mode

OVERVIEW

The Master of Sustainment Management degree provides students with an opportunity to develop a detailed understanding of the managerial and technical skills and expertise relevant to planning, acquisition and sustainment of complex technology and systems over their life cycles. You will also develop ability to procure capability according to organisational strategy and to develop appropriate implementation and sustainable plans.

WHY CHOOSE THIS DEGREE?

With its structure of core and elective units, this degree encourages students to have an end-to-end approach for managing capability.

WHO CHOOSES THIS DEGREE?

This degree is designed for postgraduate scholars and professional managers who want a more detailed understanding of the managerial and technical skills and expertise relevant to planning and acquisition of complex technology and systems.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZBUS8302 Logistics Management (6 UOC)
 ZBUS8310 Commercial Skills in the Public Sector (6 UOC)
 ZBUS8911 Asset Management (6 UOC)
 ZBUS8913 Leadership Change & Innovation (6 UOC)

Elective Courses

ZBUS8101 Strategic Management (6 UOC)
 ZBUS8103 Strategic Human Resources (6 UOC)
 ZBUS8108 Accounting & Financial Mgt (6 UOC)
 ZBUS8109 Business Law (6 UOC)
 ZBUS8147 Business of Managing Projects (6 UOC)
 ZBUS8210 Critical Analysis in Business (6 UOC)
 ZBUS8308 Business Planning (6 UOC)
 ZEIT8007 Space Operations (6 UOC)
 ZEIT8230 Requirements Practice (6 UOC)
 ZINT8301 Lethality and Survivability (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

Master of Systems Engineering

DURATION

1 year full-time equivalent

MODE

Fully online OR online and Intense Delivery Mode

OVERVIEW

The Master of Systems Engineering is for students who want to develop a high-level understanding of the principles and practices of systems engineering and their implementation through the design, development and application phases.

As well as the stand-alone degree, you can specialise in electronic warfare, networking, space systems, test and evaluation, weapons and ordnance, marine engineering, simulation and reliability engineering.

WHY CHOOSE THIS DEGREE?

The Master of Systems Engineering is unique in Australia, covering the principles of systems engineering as well as allowing specialisation in networking, space systems, test and evaluation, reliability engineering, weapons and ordnance, electronic warfare and marine engineering.

WHO CHOOSES THIS DEGREE?

This degree is designed to broaden knowledge and skills, rather than deepen them (as in a traditional science or engineering degree). It is open to students from a background in any discipline.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZEIT8226 Systems Engineering Practice (6 UOC)
ZEIT8230 Requirements Practice (6 UOC)
ZEIT8231 Test and Evaluation (6 UOC)
ZEIT8305 Systems Thinking and Modelling (6 UOC)

Elective Courses

ZBUS8302 Logistics Management (6 UOC)
ZEIT8136 Software Project Management (6 UOC)
ZEIT8236 System Safety Engineering (6 UOC)
ZEIT8302 Project Administration (6 UOC)
ZEIT8303 Project Mgmt Body of Knowledge (6 UOC)
ZEIT8403 Capability Option Analysis (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters

STUDENT PROFILE

ANTHONY BARNES MASTER OF SYSTEMS ENGINEERING

Anthony Barnes completed both his undergraduate degree and Masters of Project Management at UNSW Canberra, so he knew what to expect when he enrolled in a Master of Systems Engineering.

"The calibre of UNSW Canberra's staff, the breadth and quality of its programs, the flexibility offered in its various course delivery mediums and the support for its students, are all simply first class," Anthony says.

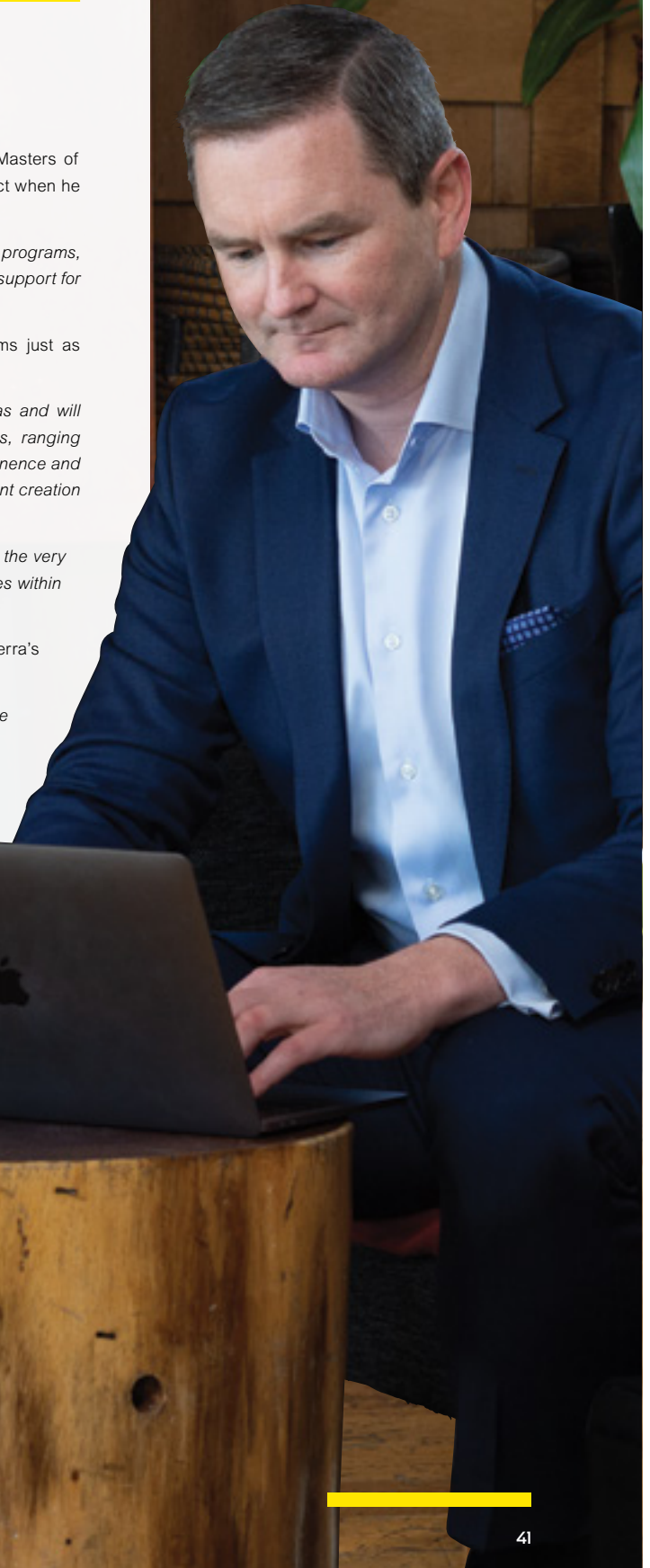
His timing couldn't be better. He is specialising in space systems just as Australia ramps up its efforts in the space sector.

"Space is increasingly recognised as a critical domain, which has and will continue to facilitate the delivery of numerous essential services, ranging from global positioning, telecommunications, and imagery. Its prominence and importance to Australian society has been underscored by the recent creation of the Australian Space Agency," he says.

"Skills and experience in system engineering will continue to be at the very forefront of the safe and secure delivery of capabilities and services within this important domain."

Anthony says study wouldn't be possible without UNSW Canberra's flexible online delivery model.

"As a busy professional, online learning has provided me with the flexibility to complete my program from anywhere in the world, at a pace, time and place of my convenience."



STUDENT PROFILE

JAMES EASTON | MASTER OF SPECIAL OPERATIONS/ MASTER OF WAR STUDIES

James Easton already has one UNSW Canberra postgraduate qualification under his belt and now he's working towards his second and third.

James is an Australian Army Officer currently posted to the US, but distance hasn't stopped him from studying at UNSW Canberra, thanks to the University's flexible online learning program.

From Fort Still, Oklahoma, James is simultaneously completing two postgraduate degrees: Master of Special Operations and Master of War Studies.

"My primary incentive for studying through UNSW Canberra was the potential for greater Defence assistance," James says.

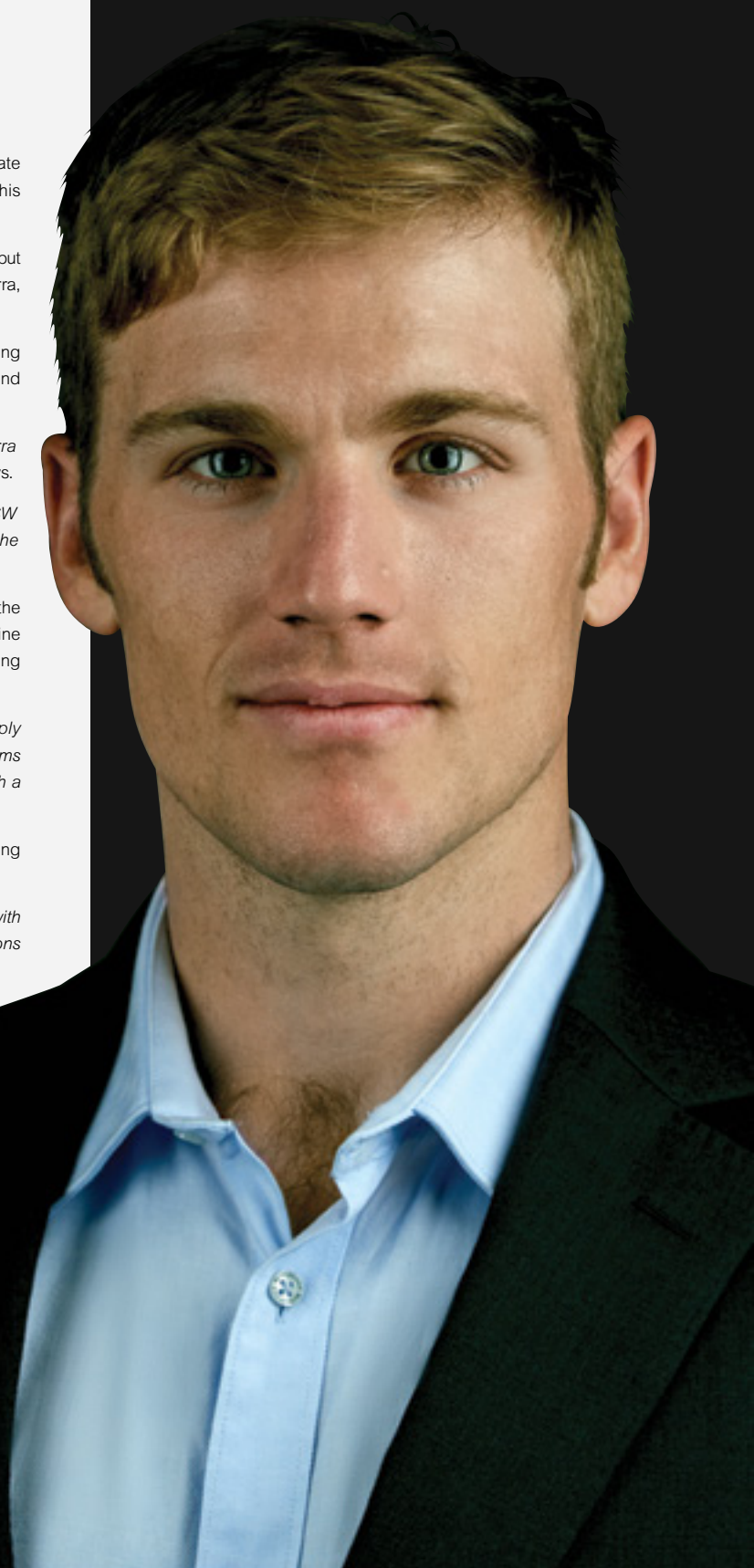
"Once I finished my first postgrad I returned to UNSW Canberra due to the unique courses it offers and the excellent structure of its programs."

James is working as an Air Defence Artillery Instructor at the United States Fires Center of Excellence and he says online learning offers him the flexibility to study around his existing commitments.

"Online learning doesn't prevent you from engaging deeply with the course material, and through well-regulated forums it actually provides you with the opportunity to engage with a broad range of other students," James says.

He says his current study has broadened his understanding of higher level defence considerations and issues.

"This understanding will assist me in being able to engage with and interpret key driving forces that are likely to shape actions at my level."



Master of War Studies

DURATION

1 year full-time equivalent

MODE

Fully online

OVERVIEW

The Master of War Studies is an interdisciplinary degree focused on war and its effects. It is built around a central core of subjects in military history, with additional options addressing topics in strategy, international relations, security and literature.

This degree is well suited for history teachers and postgraduate scholars from a range of disciplines who have an interest in military history or armed conflict.

WHY CHOOSE THIS DEGREE?

The Master of War Studies hones analytical and interpretive skills within a wide range of military-related courses. Studies at UNSW Canberra offer unparalleled expertise in Australia, recognised success in the student experience and a high degree of compatibility with future career and study options.

WHO CHOOSES THIS DEGREE?

Members of the Australian Defence Force and other military personnel, as well as members of the broader defence community, will find the degree has strong professional relevance. It is also suited to history teachers and others with a particular interest in Military History.

DEGREE STRUCTURE

Students must complete a total of 48 Units of Credit (UOC), which comprises four core courses (24 UOC) and four elective courses (24 UOC).

Core Courses

ZHSS8204 Mod Naval Hist & Strat (6 UOC)
 ZHSS8220 Fighting the Second World War (6 UOC)
 ZHSS8221 Development of the Art of War (6 UOC)
 ZHSS8223 The First World War (6 UOC)
 ZHSS8224 Small Wars of Empire (6 UOC)
 ZHSS8225 Australian Military History (6 UOC)
 ZHSS8417 Air Power in the 21st Century (6 UOC)
 ZHSS8435 Contemporary Strategy (6 UOC)

Elective Courses

ZHSS8106 War and Memory (6 UOC)
 ZHSS8210 Genocide (6 UOC)
 ZHSS8218 Hegemony: Global Power in Hist (6 UOC)
 ZHSS8219 The Great Game (6 UOC)
 ZHSS8222 The European Warfare State (6 UOC)
 ZHSS8226 The Vietnam Wars (6 UOC)
 ZHSS8227 Civil Wars (6 UOC)
 ZHSS8229 The Spanish Civil War (6 UOC)
 ZHSS8230 Russian Military History (6 UOC)

For full, up to date details on this program, including full course lists, please visit: unsw.adfa.edu.au/masters



POST- GRADUATE RESEARCH

What is it?

Students who would like to undertake a more thorough exploration of a field or topic can do so through a postgraduate research program. Postgraduate research programs at UNSW Canberra include the Professional Doctorate, Master of Philosophy, Masters by Research, and Doctor of Philosophy (PhD). The major component of a postgraduate research program is a substantial written work (a thesis), which investigates a particular subject or issue. A research student works more independently than a postgraduate coursework student, but is under the direction of an academic supervisor or a supervisory panel of academic staff.

DOCTOR OF PHILOSOPHY (PHD)

PhD programs normally take between three and four years full-time to complete. Part-time study is also available. Students are required to submit a thesis of up to 100,000 words that makes a significant original contribution to knowledge in their field and will be competent to carry out research in their field.

MASTERS BY RESEARCH

The Masters by Research is designed primarily as a program of advanced study and research, which may include formal coursework study, and normally takes two years full-time to complete. Part-time study is also available. Students are required to undertake an original investigation of a topic or issue, but this is more limited in scope than that required for a PhD. The thesis is up to 60,000 words.

MASTER OF PHILOSOPHY (MPHIL)

The Master of Philosophy (MPhil) is designed to provide an opportunity for students to develop research competence, and usually take one and a half years full-time to complete. Part-time study is also available. Students are required to complete some coursework study within the MPhil and a thesis of up to 40,000 words.

PROFESSIONAL DOCTORATE

The Professional Doctorate provides students with an opportunity to combine a doctoral thesis with coursework from a related masters by coursework degree. The degree usually takes three to four years to complete and comprises one third coursework (equivalent to one year of full-time study) and two thirds research (equivalent to two years of full-time study), including the completion of a thesis of up to 60,000 words. The program is designed to prepare candidates for the highest level of professional practice, in which they can contribute significantly to the development of their field.

Why study postgraduate research at UNSW Canberra?

When you choose a postgraduate research degree at UNSW Canberra you will not only leave with a highly respected and internationally recognised qualification but you will have the chance to work with leading academics and researchers in your chosen field, and have access to state-of-the-art facilities.

WORLD-CLASS RESEARCH FACILITIES

As a research student, you'll have access to state-of-the-art labs, design studios, library and leisure facilities which will enrich your education. Plus we have the best staff-to-student ratio in the country.

RECOGNISED THROUGHOUT THE WORLD

As a founding member of the Group of Eight (Go8) universities, UNSW is a top-ranking university and globally recognised for its cutting-edge teaching, research, advanced facilities and quality of student life. Make our reputation yours.

EXPERT RESEARCH SUPERVISORS

Regarded as a premier education provider excelling in teaching and research, many academics at UNSW Canberra are recognised as leaders in their field.

STUDY IN THE BEST CITY IN THE WORLD

OECD rated Canberra the best city in the world for well-being in 2014 and 2015. Residents have the highest quality of life across income, employment, health, access to services, environment, education, safety, civic engagement and housing. With an international airport, and national cultural and government institutions, Canberra is a 2 hour drive from coastal beaches in one direction, and snow fields in the other, and a 3 hour drive from Sydney.

Am I eligible?

Entry into postgraduate research programs at UNSW Canberra is available to applicants with the following qualifications.

Master of Philosophy	An appropriate bachelor degree from UNSW or an equivalent qualification from another tertiary institution.
Master by Research	A recognised four-year bachelor degree with Honours from UNSW that includes a substantial research component or an equivalent qualification from another tertiary institution.
Professional Doctorate	An appropriate bachelor degree from UNSW or an equivalent qualification from another tertiary institution and completion of a qualifying program to an approved standard (Distinction average or better).
Doctor of Philosophy	An appropriate four-year bachelor degree with Honours (First or Upper Second Class) or a completed Masters by Research degree from UNSW with a substantial research component or equivalent qualification from another tertiary institution plus demonstrated capacity for timely completion of a high-quality research thesis.

How to apply for Postgraduate Research in 5 steps

1. CHECK YOUR ELIGIBILITY

Check your eligibility and competitiveness using the HDR Self-Assessment Tool.

research.unsw.edu.au/submit-application

2. FIND A SUPERVISOR

Find a supervisor working in your area of interest using the online search tool, and contact them.

When searching for a supervisor, keep the following in mind:

- Research interests
- Resources
- Personality
- Working styles
- Guidance on developing your skills

Once a supervisor agrees to supervise your project, meet with them either in person or via video call to discuss your research interest.

research.unsw.edu.au/finding-supervisor

3. DEVELOP A RESEARCH DESCRIPTION

Work with your supervisor to develop a description of your research interest. Your research description should be approximately one page in length and include the following:

- Title of your research project
- Statement of the research problem
- Outline of how you plan to address this problem
- Detail of any previous research and/or publications

Some Faculties have additional requirements that accompany your research description.

4. PREPARE YOUR SUPPORTING DOCUMENTS

Required documents may include: your supervisor's agreement, research description, resume, transcripts (including the grading system of the institution), English language test results and evidence of financial capacity if you are applying for a scholarship.

All documents must be in English or include a certified English translation.

research.unsw.edu.au/submit-application

5. SUBMIT YOUR APPLICATION ONLINE

You can apply for both admission and a UNSW scholarship within the same application.

Check the application dates:

research.unsw.edu.au/key-dates

Submit your application online, and attach scanned copies of your supporting documents to your application.

applyonline.unsw.edu.au/login

Before you start the application process you might also like to explore UNSW Canberra's Research Strengths and Research Centres. See pages 54 to 56 for further details.

How much will my degree cost?

TUITION FEES

Tuition fee amounts are charged per unit of credit (UOC). Students are charged based on their status (domestic or international) and the classification of the course (undergraduate, postgraduate or research), also known as the course career or study level of the course. If you are a citizen or permanent resident of Australia, or a citizen of New Zealand, you are classified as a domestic student. If you do not fall into one of these categories, you are classified as an international student.

To calculate the tuition fee for a course, refer to the course prefix (eg ZBUS) and the course classification (ie postgraduate) then multiply by the UOC value of the course.

Please ensure that you visit one of the following links to review the most up to date tuition fee information that is relevant to you:

Domestic Fees:

<https://student.unsw.edu.au/fees-adfa-domestic>

International Fees:

<https://student.unsw.edu.au/fees-adfa-international>

Students who are sponsored by the Australian Defence Force (ADF) will not be invoiced for tuition fees for courses that are funded by the ADF.

STUDENT SERVICES AND AMENITIES FEE (SSAF)

The SSAF was implemented in 2012 following a legislative change allowing Universities to collect a fee, to support the delivery of student services.

The SSAF contributes to the provision of amenities and non-academic services for students. These include: counselling, employment, orientation, career advice, child care, financial advice, health services, food services, sporting and recreational activities, student advocacy and legal services. The SSAF has also allowed the University to increase its funding of Arc, the University's student organisation.

The SSAF is charged and payable on a semester basis.

Full details can be found at:

<https://student.unsw.edu.au/ssaf>

Am I eligible for funding support?

DEFENCE FUNDED POSTGRADUATE STUDY

The ADF offers funding support to ADF members, including Reserve Force members rendering Full Time Service and Defence civilian personnel to undertake postgraduate coursework and research studies at UNSW Canberra. Eligible ADF personnel are also able to study postgraduate programs through the Capability Technology and Management College (CTMC), which is located at ADFA.

Details can be found at:

<http://www.defence.gov.au/ADFA/Applications/PostgraduateStudies.asp>

DOMESTIC STUDENTS

Domestic postgraduate research students at UNSW Canberra may be offered a Research Training Program (RTP) Fees Offset Scholarship. Funded by the Australian Government, an RTP Fees Offset Scholarship is used by the university to offset your tuition fees so that you may receive free research training. RTP Fees Offset provides scholarship support of four years for a PhD and two years for a research masters program. If you enroll in approved coursework courses as part of your postgraduate research program, you will not be charged any additional tuition fees.

Further information can be found at:

<https://research.unsw.edu.au/fees-and-costs>

In addition to offering RTP Fees Offset, UNSW also offers a range of scholarships to domestic students of exceptional research potential, which include annual stipends, living allowances, and travel funding.

Details can be found at:

<https://research.unsw.edu.au/graduate-research-scholarships>

INTERNATIONAL STUDENTS

We offer generous scholarships to international candidates of exceptional research potential to undertake a postgraduate research degree at UNSW Canberra. In some cases, decided by the location of applicants and their merit, additional supplementary scholarships are provided in conjunction with the government of the Australian Capital Territory.

Applicants must also meet the conditions and application requirements for admission to our postgraduate research programs, which can be found at:

<https://www.gs.unsw.edu.au/policy/documents/admissionstohdrprogramsprocedure.pdf>

Scholarship applications are ranked competitively and awards are made on the basis of academic merit, research experience and research potential.

A full list of scholarships and their application processes can be found at:

<https://www.unsw.adfa.edu.au/study/postgraduate-research/scholarships>

Postgraduate Research Programs at a Glance

Program Name	Duration (Full Time Equivalent)	Delivery Mode*	School
Master of Philosophy			
Master of Philosophy			
<ul style="list-style-type: none"> Aerospace, Civil & Mechanical Engineering Business Humanities & Social Science Information Technology & Electrical Engineering Physical, Environmental & Mathematical Science 	1.5–2 Years	On Campus	BUS/HASS/ PEMS/SEIT
Master of Research			
Master of Arts by Research	2 Years	On Campus	HASS
Master of Business by Research	2 Years	On Campus	BUS
Master of Engineering by Research			
<ul style="list-style-type: none"> Aerospace Engineering Civil Engineering Electrical Engineering Mechanical Engineering 	2 Years	On Campus	SEIT
Master of Science by Research			
<ul style="list-style-type: none"> Chemistry Computer Science Geography Mathematics & Statistics Oceanography Physics 	2 Years	On Campus	PEMS

Program Name	Duration (Full Time Equivalent)	Delivery Mode*	School
Professional Doctorate			
Doctor of Cyber Security	3–4 Years	On Campus	SEIT
Doctor of Information Technology	3–4 Years	On Campus	SEIT
Doctor of Project Management	3–4 Years	On Campus	SEIT
Doctor of Public Leadership	3–4 Years	On Campus	HASS
Doctor of Public Management	3–4 Years	On Campus	BUS
Doctor of Systems Engineering	3–4 Years	On Campus	SEIT
Doctor of Philosophy			
Doctor of Philosophy			
<ul style="list-style-type: none"> • Aerospace Engineering • Chemistry • Civil Engineering • Computer Science • Cyber Security • Economics and Management • Electrical Engineering • English • Geography • History • International and Political Studies • Mathematics and Statistics • Mechanical Engineering • Oceanography • Physics • Project Management • Southeast Asian Social Inquiry • Systems Engineering 	3–4 Years	On Campus	BUS/HASS/ PEMS/SEIT

Visit <https://www.unsw.adfa.edu.au/study/postgraduate-research> for full degree details.

16 Research Strengths

BUSINESS

ENGINEERING AND INFORMATION TECHNOLOGY

HUMANITIES AND SOCIAL SCIENCES

PHYSICAL, ENVIRONMENTAL AND MATHEMATICAL SCIENCES

PUBLIC SECTOR MANAGEMENT

We explore the ways in which public services are delivered and the capabilities and knowledge required for the provision of those services. One particular research strength in this area is public sector human resource management, including performance management.

ECONOMICS AND ECONOMETRICS

Our economics research focuses on issues related to fragile states and development, skills and skilled migration and labour market economics; it uses sophisticated statistical techniques to analyse economic data.

COMPUTATIONAL SCIENCE

We conduct numerically intensive research in areas ranging from bushfire propagation, sedimentation modelling, mesoscale cyclonic systems, theoretical studies of catalysis and gas-surface interaction, non-linear systems and number theory, to calculating supernova and antimatter production rates in the Galaxy.

GEOGRAPHICAL SCIENCE

Spanning the broad range of geographical contexts from land management, urban development, peri-urban agriculture, to theoretically-informed human and cultural geography. Research in this area covers contemporary issues in Asia, Africa, Europe, and the South Pacific.

ADVANCED MATERIALS & IMPACT DYNAMICS

Using computational and experimental approaches we design and manufacture materials and structures and test their resilience to load and impact for a range of aerospace, civil, construction, marine and defence industry applications.

CONTROL

We provide world-class expertise in quantum, stochastic and robust control theory and applications in nanotechnology, power systems and control of networked systems.

OPTIMIZATION

We develop advanced modelling and efficient optimization and computational approaches to solve complex real-world design and decision-making problems.

TRUSTED AUTONOMY

We break silos in artificial intelligence, cognitive science, data sciences, decision sciences, human-machine teaming, testing, and unmanned platforms to research and develop trusted autonomous systems.

ASIA-PACIFIC SECURITY

We seek to understand the domestic, international and global factors that influence the region that stretches from South Asia, through Southeast Asia, to North Asia. We use the methods of political science, international relations and social inquiry to better inform policy debates.

CLIMATE SECURITY

We investigate the projected impacts of climate change and variability on human security using social science and historical methodologies and we evaluate alternative governance and policy responses.

PHYSICAL SCIENCE

Our research spans chemical synthesis and molecular design, laser spectroscopy, and materials characterisation. With excellent experimental facilities available, studies are underway on magnetocaloric materials, optical storage, and supramolecular cages with pharmaceutical applications.

CYBER SECURITY

ACCS is a multidisciplinary UNSW centre in cyber security, which undertakes research into cybersecurity technologies focusing on cyber security for law, national security and Defence.

HYPERSONICS

We combine analytical, numerical and experimental expertise to investigate fundamental and applied high-speed flow phenomena and inform vehicle design and development.

DECISION MAKING AND COMPLEX SYSTEMS

We undertake research in a range of areas relevant to the delivery of capability systems: systems thinking, complex systems, system of systems, systems engineering, requirements engineering, and project management.

QUANTUM ENGINEERING

We apply analytical and numerical techniques from quantum physics and optimisation to the design and development of quantum systems for sensing, computing, and communication.

SPACE

We employ a range of research strengths and capabilities including expertise in spacecraft design, assembly, integration and verification; autonomous control; sensor development; orbital tracking and communications and high-speed and low-density flows.

8 Research Centres

We have a critical mass of active researchers in the following Centres. Join our research teams to help solve important, contemporary challenges.

AUSTRALIAN CENTRE FOR THE STUDY OF ARMED CONFLICT AND SOCIETY

ACSACS is a multi-disciplinary research centre dealing with Ethics, Military History and Literature, and Civilian Leadership in Defence. It aims to be the pre-eminent Australian venue for assessing the past, present and likely future impact of armed conflict on individuals and institutions.

UNSW CANBERRA CYBER

We are a multi-disciplinary centre which contributes research and teaching expertise in cybersecurity technologies. We provide teaching in cybersecurity programs utilising our cyber range.

UNSW CANBERRA SPACE

We combine a range of research strengths and capabilities including expertise in spacecraft design, assembly, integration and verification; autonomous control; sensor development; orbital tracking and communications and high-speed and low-density flows.

CAPABILITY SYSTEMS CENTRE

CSC undertakes research and education in a range of disciplinary areas relevant to the delivery of capability systems.

THE CENTRE FOR QUANTUM COMPUTATION AND COMMUNICATION TECHNOLOGY

Our node of CQC2T co-manages the Hybrid photonic qubit program, and contributes to photonic quantum non-Gaussian processing, quantum-enhanced measurement and estimation, and quantum communication, orbital tracking and communications and high-speed and low-density flows.

KOREA RESEARCH INSTITUTE

KRI@UNSW aims to establish cooperative research networks among scholars in Korean studies and Korea related research, conduct research on important pending issues in the region, and contribute to policy formation in related areas.

SINO-AUSTRALIAN RESEARCH CENTRE FOR COASTAL MANAGEMENT

We aim to develop a state-of-the-art integrated coastal zone marine forecasting and management system in order to address key issues in coastal zone management, working closely with the Ocean University of China in collaborative research on coastal science and management.

UNSW CANBERRA COMPUTATIONAL SCIENCE INITIATIVE

CSI Canberra provides a platform for all cutting-edge research at UNSW Canberra that utilises high performance computing, with the overarching aim to drive and foster cross-disciplinary collaborations to address the scientific challenges posed by the diverse fields of research in science and engineering.

Support Services

We offer excellent support services to students to enable their study experience to be as smooth and trouble free as possible.

THE ACADEMY LIBRARY

The Academy Library provides a range of services to support its students studying off-campus, including access to high quality electronic resources, and home delivery of print materials.

STUDENT ADMINISTRATIVE SERVICES (SAS)

SAS provides students with quality administrative support including any questions you might have about admission, scholarships, enrolment, research candidature and graduation.

ACADEMIC LANGUAGE AND LEARNING (ALL) UNIT

As a student, you have access to all the services that the ALL unit offers. ALL unit provide students with opportunities to further develop their academic skills, master academic language and literacy strategies and clarify academic expectations in order to help you achieve your academic potential.

COUNSELLING SERVICE

This confidential, free of charge service with a qualified professional clinical psychologist (student counsellor), is designed to support students face challenges, navigate change, and regain balance. All enrolled UNSW Canberra postgraduate students are entitled to counselling sessions.

Contact us

UNSW Canberra

Northcott Drive,
Canberra ACT 2600



+61 2 6268 8201



student.recruitment@adfa.edu.au



unsw.adfa.edu.au/study

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