



# ADFA

WHERE IT ALL BEGINS

2024



**ADFA**  
AUSTRALIAN DEFENCE FORCE ACADEMY



**UNSW**  
CANBERRA



# WORLD-CLASS DEGREES.

# UNRIVALLED MILITARY &

# LEADERSHIP TRAINING.



**UNSW**  
CANBERRA

Forged from a unique partnership between the Australian Defence Force (ADF) and the University of New South Wales (UNSW), the Australian Defence Force Academy (ADFA) in Canberra offers world-class degrees in parallel with military and leadership training.

If accepted to join the Navy, Army or Air Force and attend ADFA, you will receive a fully-funded tertiary education plus a salary while you study and train. In return for a minimum period of military service, your HELP debt will be covered.

- One of the world's top 50 universities\*
- Member of the Group of Eight leading research intensive universities
- Australia's best student-to-teacher ratios
- Recognised as a university with strong links between higher education and industry

\* 2023 QS World University Ranking



# FEATURED

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This brochure provides an overview of the opportunities available to you at ADFA. Look out for the search symbol to access additional information online.



# LEARN TO BE A LEADER IN YOUR CHOSEN FIELD

THE ADF OFFERS OUTSTANDING CAREER OPPORTUNITIES IN A WIDE VARIETY OF AREAS INCLUDING AVIATION, BUSINESS MANAGEMENT, ENGINEERING, INTELLIGENCE, LOGISTICS AND TECHNOLOGY.

Your UNSW degree from ADFA will secure you a prestigious role as an Officer in the Navy, Army or Air Force; and uniquely, you'll leave university equipped with a broad range of leadership skills.

Armed with world-class qualifications, the ability to take command, make informed decisions and bring out the best in people, you'll embark on a rich and rewarding career that takes you as far as you aspire to go.



# SERVE YOUR COUNTRY IN THE ADF

**SECURING A PLACE AT ADFA MEANS  
YOU'RE ALSO JOINING THE AUSTRALIAN  
DEFENCE FORCE, ONE OF THE WORLD'S  
LEADING MILITARY ORGANISATIONS.**

Working for this highly regarded employer, you will be a member of a modern, people-focused community spread across Australia and overseas. You'll join a group of talented and resourceful people equipped with cutting-edge military technology, protecting Australia, its interests, and its way of life.

Serving in the Navy, Army or Air Force, you may also enjoy the satisfaction of helping communities in need, engaging in activities such as support to domestic operations, humanitarian assistance and disaster relief.



# JOIN A DIVERSE GROUP OF STUDENTS

YOU'LL FIND YOUR CLASSMATES ARE OF DIFFERENT BACKGROUNDS, FROM ALL OVER AUSTRALIA AND ACROSS THE WORLD. ADFA STUDENTS (CALLED MIDSHIPMAN IN THE NAVY AND OFFICER CADETS IN THE ARMY AND AIR FORCE) ALL STUDY AND SOCIALISE TOGETHER.

A common thread amongst ADFA students is a willingness to work hard, tackle new challenges, adapt to new situations and be strong team members, as well as potential team leaders.

Bonds you establish at ADFA will be strengthened by exciting shared experiences, and many of the people you study with will become friends for life.

# ENJOY ALL THE BENEFITS OF ADFA AND THE ADF

AMBITIOUS YOUNG PEOPLE ARE DRAWN TO ADFA BY ITS REPUTATION FOR ACADEMIC EXCELLENCE AND THE DIVERSE CAREER OPPORTUNITIES IT UNLOCKS. BUT THERE ARE PLENTY OF OTHER GOOD REASONS TO CHOOSE ADFA OVER TRADITIONAL UNIVERSITIES.

## CAREER BENEFITS



- A world-class UNSW degree
- Sought-after qualifications with no HELP debt
- Graduates are guaranteed a career as an ADF Officer
- Leadership training
- Skills and experience that set you up for life

## FINANCIAL BENEFITS



- A salary as you study
- Uni fees fully funded by the ADF
- Subsidised food and accommodation
- Free medical and dental care
- Generous superannuation

## LIFESTYLE BENEFITS



- Studies balanced with recreational opportunities
- Supportive team environment
- Free fitness and leisure facilities
- Variety of sports and extra-curricular clubs
- City, scenery and snow nearby
- Opportunities to visit family and friends throughout the year

# EXPERIENCE A UNIQUE AND FULFILLING LIFESTYLE

WHILE MILITARY TRAINING AND ACADEMIC PURSUITS ARE THE FOCUS OF LIFE AT ADFA, THERE'S PLENTY OF TIME FOR SPORT, LEISURE AND SOCIALISING WITH YOUR NEW FRIENDS.

Rooms are comfortable and private, there are plenty of common areas to relax and unwind, with restaurants, museums, bars and other local entertainment nearby. Above all, ADFA offers a secure and supportive environment for study and extracurricular activities.

## SPORTS AND EXERCISE

ADFA has a state-of-the-art indoor sports centre housing a swimming pool, squash courts, a gymnasium and weights room. Sports played on campus include:

- Australian Rules Football
- Basketball
- Cycling
- Hockey
- Netball
- Orienteering
- Rowing
- Rugby League
- Rugby Union
- Sailing
- Soccer
- Softball
- Squash
- Tennis
- Touch Football
- Volleyball
- Water Polo

## CAMPUS FACILITIES

You'll find everything you need for everyday life on the ADFA campus, including:

- Bank
- Cadets' mess
- Café
- Dry cleaner
- Public transport

## OTHER ACTIVITIES

There are a broad range of activity options at ADFA, including:


- Committees for Academy events and social functions
- Crossfit
- Cyber security
- Debating
- Military shooting
- Motor vehicle construction
- Performing arts
- Playing in a band
- Snow sports
- Taekwondo

## ADFA OPEN DAY

ADFA Open Day is a truly unique experience that allows you to get a taste of what a career with the Australian Defence Force can offer you. Find out more about the next ADFA Open Day at [ADFCareers.gov.au/ADFAOpenDay](https://adfcareers.gov.au/ADFAOpenDay)

For more about what life's like for students:

Q 'ADFA FAQS'



*The friends you  
make here and  
the experiences  
you get are  
second to none.*

PETA, ARMY OFFICER CADET

BACHELOR OF SCIENCE

# CHOOSE A UNSW DEGREE

## ENGINEERING

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COMPUTING AND CYBER SECURITY

## ARTS

## BUSINESS

## SCIENCE



# ENGINEERING

## BACHELOR OF

## ENGINEERING (HONOURS)

## (AERONAUTICAL)

BE (HONS)


UAC CODE 450040

### INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

### DURATION

 Four years full time

### REQUIRED SUBJECTS

- Mathematics (Advanced)
- Physics

### SUBJECT OVERVIEW

Aeronautical Engineering is the study of the design, development, manufacture, maintenance and control of vehicles operating in the earth's atmosphere or in outer space. Such vehicles require the highest standards of engineering as they have to be very light relative to the loads they carry, and yet be strong and reliable as the consequences of failure are significant.

Aircraft are critical to the operations of the Navy, Army and Air Force, therefore Aeronautical Engineers are employed in all three Services.

Although the ADF does not design or build aircraft, as an ADF Engineer, you will have to ensure that aircraft are supplied and maintained to the highest standards, using the correct parts and materials installed with best-practice workmanship. At the same time, you will have to manage these activities with extreme efficiency as maintaining an air fleet during operations is time-critical. Our Aeronautical Engineers therefore need high-level project management skills as well as engineering expertise.

The Aeronautical Engineering program has been developed to meet the needs of the ADF and covers the design, reliability and maintenance of both fixed-wing and rotary-wing aircraft.

If you have ever dreamed of understanding things beyond our planet, this program provides the building blocks for a career pathway within the Space and Cyber domain.

### AERONAUTICAL ENGINEERING

#### IN AN ADF CAREER



Navy Aeronautical Engineering graduates are required for the maintenance and repair, modifications, operational deployments and airworthiness of advanced helicopters such as the MH-60R Seahawk.



Army Aeronautical Engineering graduates are most likely to be involved in the maintenance and repair of ARH-Tiger, Chinook and Black Hawk helicopters or the Army's rapidly growing fleet of unmanned aerial vehicles.



Air Force Aeronautical Engineering graduates may be involved in the operation and maintenance of combat aircraft or advanced weapons systems. Throughout a career as either an Aeronautical Engineer or an Armament Engineer, they may be responsible for the airworthiness and modification of aircraft or weapons and could be involved in the acquisition and introduction of new equipment in the Service.

Graduates may also manage and maintain advanced weapon systems deployed on fighter aircraft as an Armaments Engineer.



# BACHELOR OF

# ENGINEERING

# (HONOURS) (CIVIL)

BE (HONS)

UAC CODE 450050

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

## DURATION

🕒 Four years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced)
- Physics

## SUBJECT OVERVIEW

The Civil Engineering degree provides students with professional engineering design, construction and management skills. As the ADF becomes progressively more technologically-based, the education provided in a Civil Engineering degree will be in greater demand.

Much of the work carried out by military civil engineers is comparable to that undertaken by their civilian counterparts. This includes the design and construction of facilities such as roads, bridges, airfields, buildings, water supply and waste treatment facilities, structures of all types, and the associated planning and management of projects.

## CIVIL ENGINEERING IN AN ADF CAREER

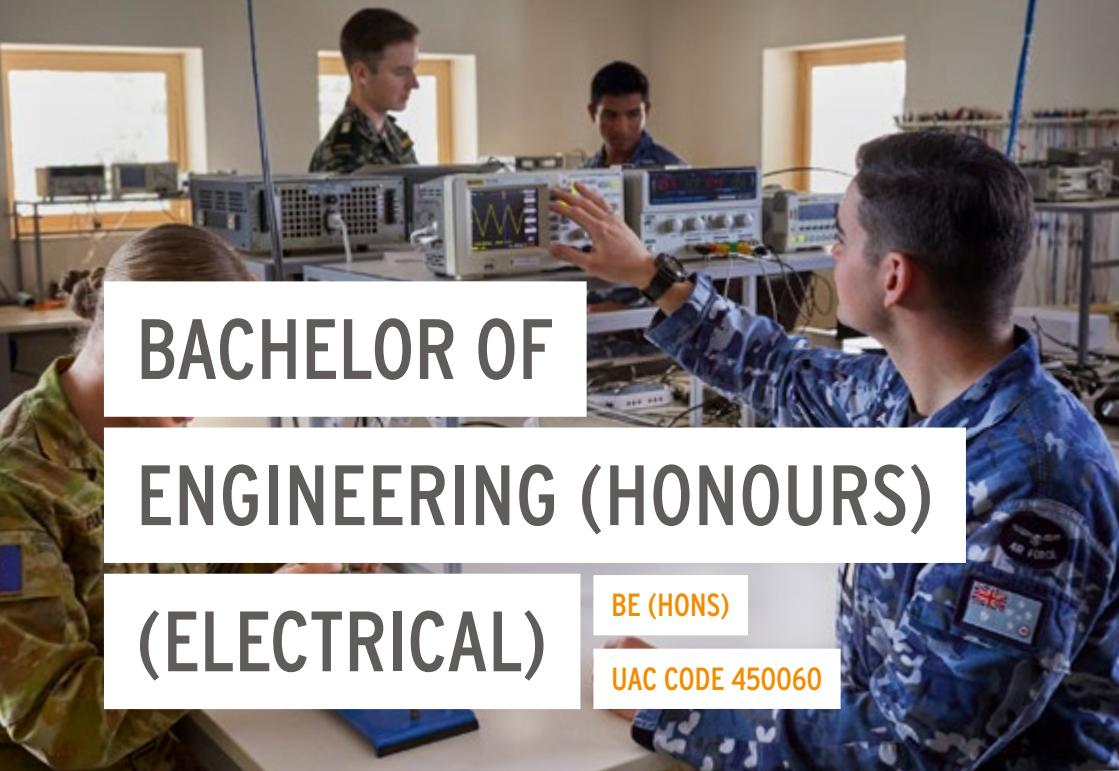
Graduates in Civil Engineering take responsibility for the design and construction of infrastructure, base facilities, temporary runways and field engineering associated with ADF projects and military activities. Environmental management plays a major part in these projects, and you may also get involved with development and peacekeeping activities in the South Pacific and elsewhere in the world.

### 🚢 ARMY

Army graduates of Civil Engineering will go on to join the Royal Australian Engineers (RAE) corps as Engineering Officers. As an Engineering Officer, you'll lead and manage a team of soldiers who are responsible for supplying clean water, constructing accommodation, building airfields, restoring harbours, and improving defence against nuclear, biological and chemical attacks. As well as providing infrastructure within Australian borders, there are also opportunities for overseas deployment early in your career. Graduates may also become an Army Officer, with a range of specialisations and corps available.

### ✈️ AIR FORCE

Air Force Airfield Engineers use their Civil Engineering degree and project management skills to work on Air Force infrastructure, aerodromes and a wide range of projects that provide critical support to Air Force and Defence operations. In this role, you have the opportunity to be deployed both onshore and overseas to provide your vital engineering skills to enable Air Force's core capability.

A photograph of three students in a laboratory setting. They are wearing blue and green camouflage uniforms. One student in the foreground is pointing at a piece of electronic equipment on a table. Other students are visible in the background, also working with equipment. The room has large windows and various lab instruments.

# BACHELOR OF ENGINEERING (HONOURS) (ELECTRICAL)

BE (HONS)

UAC CODE 450060

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

## DURATION



Four years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced)
- Physics

## SUBJECT OVERVIEW

The Bachelor of Electrical Engineering program is built on a foundation of mathematics, computer science and physical science.

A small component of Electrical Engineering is introduced in the first year, with progressively larger components in the second and third years. The final year is devoted exclusively to Electrical Engineering courses.

In this final year, you'll have the option to specialise in areas such as communications, surveillance and radar, computer engineering, guided weapons electronics and space. You'll also undertake a major project supervised by a member of academic staff.

UNSW Canberra provides one of the best Electrical Engineering programs available and is supported by a well-equipped laboratory and excellent library facilities.

## ELECTRICAL ENGINEERING

### IN AN ADF CAREER



#### NAVY

In conjunction with the technical sailors in your charge, as an Electronics Engineer in the Navy, you will be responsible for looking after weapon, communication and sensor systems on the Navy's ship. Opportunities also exist for you to become an Electronics Engineer Submariner.

Regardless of your choice, these complex ships and submarines will present you with many rewarding challenges, as will the demanding conditions in which you could work. Over time, there will be opportunities for a range of 'shore' postings, which could include working on projects to acquire new ships or new naval systems to be fitted to Australia's existing ships and submarines.



#### ARMY

Army graduates of Electrical Engineering will go on to join as Mechatronic and Electrical Engineers or Avionics Engineers in the Royal Australian Electrical and Mechanical Engineers (RAEME) corps. You'll find yourself leading a number of technical soldiers responsible for the maintenance and support of any one of a number of systems as diverse as helicopters, ground-based telecommunications and radar systems, and weapon systems.

You may eventually find yourself employed as an engineering authority in the acquisition projects that keep the Army at the forefront of technology. Graduates may also become an Army Officer, with a range of specialisations and corps available.




#### AIR FORCE

This degree is applicable for three engineering roles within Air Force: Electronics Engineer (Aviation), Electronics Engineer (Networks) and Armament Engineer.

An Electronics Engineer (Aviation) is responsible for the avionic systems on an aircraft that allow it to fly. This includes power generation and distribution, radar, navigation, surveillance, and a range of systems, like electronic control, mission, communications, and electronic warfare systems.

An Electronics Engineer (Networks) undertakes Information Technology and Network subject electives, and upon graduation may lead teams of Network Technicians running IT departments. They could also ensure our communication, satellite and cyber networks are mission ready.

As an Armament Engineer, you'll manage and maintain the advanced weapon systems deployed on fighter aircraft, including missiles, bombs, torpedoes and mounted guns; and the computers that control them.



# BACHELOR OF ENGINEERING (HONOURS) (MECHANICAL)

BE (HONS)

UAC CODE 450070

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

## DURATION



Four years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced)
- Physics

## SUBJECT OVERVIEW

The Mechanical Engineering degree is built on a branch of Engineering that focuses on machines and the production of power, in particular, with forces and motion. A core task of a Mechanical Engineer is to devise new and better ways to extract mechanical power from heat and to use that power to perform a useful task.

Mechanical Engineers are required to understand a number of fields, such as: thermodynamics, mechanical systems dynamics, properties of solid materials, fluid dynamics, design and management.

## MECHANICAL ENGINEERING

### IN AN ADF CAREER

All three Services employ Mechanical Engineers to maintain and repair an extremely diverse and sophisticated range of equipment, including land transport vehicles, ships, tanks, armoured personnel carriers and weapon systems. No other organisation in Australia has such a complex and challenging equipment inventory operating under such demanding conditions.



### NAVY

You will undertake courses to enhance your professional development as a Mechanical Engineer or Mechanical Engineer Submariner. In these roles, you will be the technical authority on board the ship or submarine, responsible for the vessel's structures, propulsion systems, electrical generation and distribution, and domestic and associated mechanical services.

Your responsibilities will also include the main and auxiliary machinery, engines, automatic and remote control systems, hydraulics, air conditioning and refrigeration, ventilation systems and electrical power generation and conversion equipment.



### ARMY

Army graduates of Mechanical Engineering will go on to join as Mechanical Engineer Officers in the Royal Australian Electrical and Mechanical Engineers (RAEME) corps. You will lead and manage a team of soldiers who are responsible for the management, repair and recovery service for all equipment operated by the Army. Your team of soldiers will repair and maintain equipment as diverse as tanks, trucks and armoured personnel carriers, radios, radars and computers, artillery guns and missile systems. You may eventually find yourself employed as an engineering authority in the acquisition projects that keep the Army at the forefront of technology. Graduates may also become an Army Officer, with a range of specialisations and corps available.



### AIR FORCE

This Mechanical Engineering degree is applicable for two engineering roles within Air Force: Aeronautical Engineer and Armament Engineer. As an Aeronautical Engineer, graduates (who have studied relevant aeronautical electives) may be involved in the operation, maintenance and acquisition of combat aircraft or advanced weapons systems. As an Armament Engineer, you'll manage and maintain the advanced weapon systems deployed on fighter aircraft, including missiles, bombs, torpedoes and mounted guns; and the computers that control them.



# BACHELOR OF ENGINEERING (HONOURS) (NAVAL ARCHITECTURE)

BE (HONS)

UAC CODE 450300

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

## DURATION



Four years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced)
- Physics

## SUBJECT OVERVIEW

Naval Architecture Engineering focuses on the design, building and utilisation of all types of ships and marine vehicles. In taking responsibility for the overall design and integration of systems, Naval Architects must be conversant with a wide variety of skills, covering most forms of engineering. This is because a ship must be a self-sufficient vehicle capable of operating in hostile environmental conditions on the world's oceans, while being able to withstand the loads from the sea and weather.

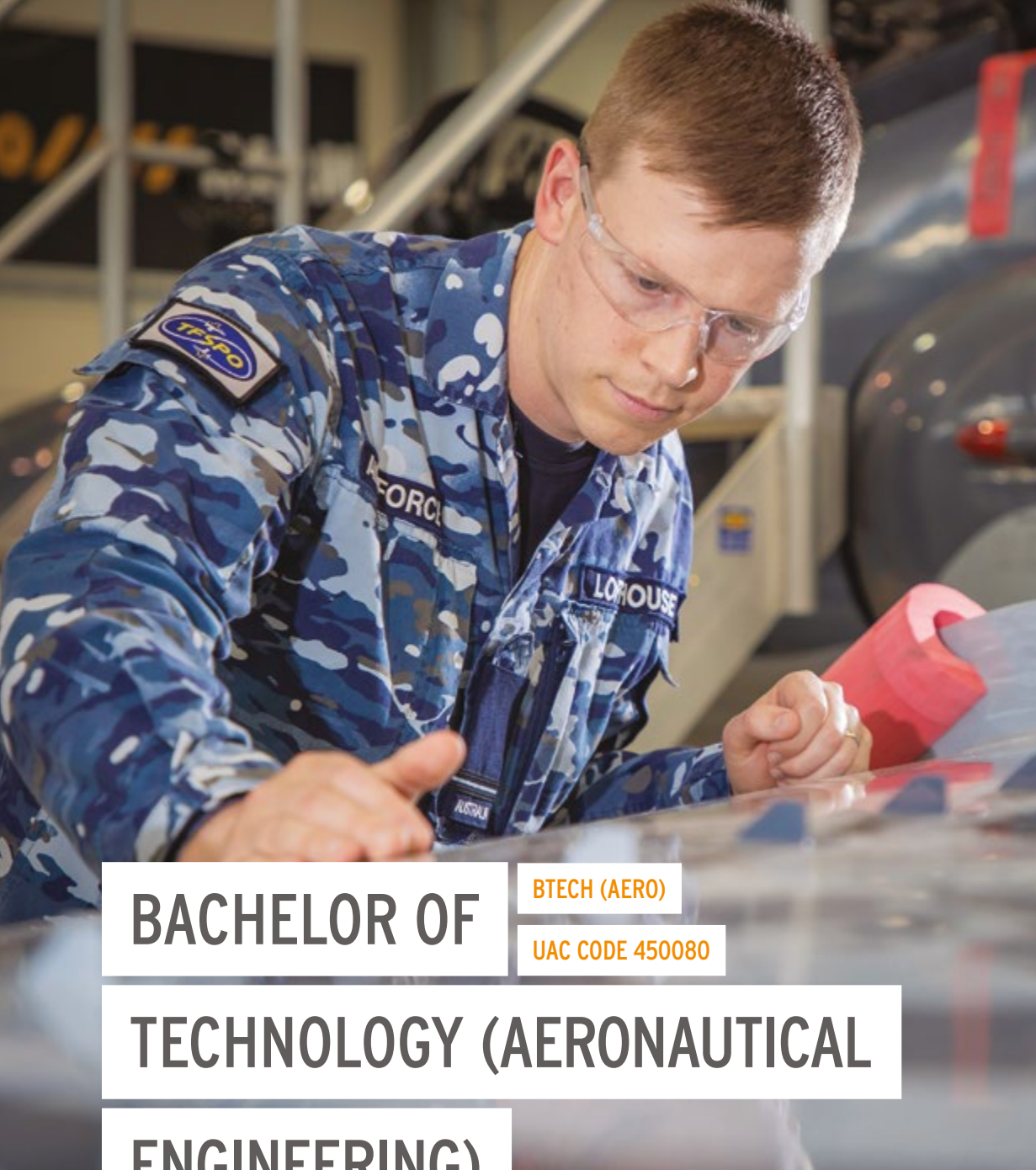
Building on a foundation in the engineering sciences and Mechanical Engineering, the third and fourth years of study in the Naval Architecture Engineering degree covers ship stability, ship hydrodynamics, ship resistance and propulsion, ship design, ship structures, seaworthiness, engineering management and engineering materials.

## NAVAL ARCHITECTURE

## ENGINEERING IN AN ADF CAREER

The Australian Naval Shipbuilding program will provide many roles for Naval Architects in design, construction and in the operation of the fleet as the nation builds its sovereign maritime capabilities.

The Bachelor of Naval Architecture Engineering degree is available to Navy or Army Officer Cadets. The degree is undertaken by Navy Midshipman or Army Officer Cadets who intend to work as Mechanical Engineers or Mechanical Engineer Submariners, or as an Army Officer, in any specialisation or corps.



# BACHELOR OF

**BTECH (AERO)**

**UAC CODE 450080**

# TECHNOLOGY (AERONAUTICAL

# ENGINEERING)

## INDICATIVE ENTRANCE SCORE REQUIREMENT

**ATAR**

85 MIN

## DURATION

 Three years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced)
- Physics

## SUBJECT OVERVIEW

The Bachelor of Technology (Aeronautical Engineering) degree provides a solid and broad foundation in Engineering Technology, specifically developed to meet the needs of the Australian Defence Force and accredited by Engineers Australia at the Engineering Technologist level.

At the discretion of the services, there is potential for you to be considered to upgrade a Bachelor of Technology degree to a Bachelor of Engineering (Honours) through further study at ADFA.

## AERONAUTICAL TECHNOLOGY

### IN AN ADF CAREER

The Bachelor of Technology (Aeronautical Engineering) is primarily undertaken by Air Force Officer Cadets who intend to work as aircrew and wish to enhance their understanding of the operation and performance of aircraft.

Additionally, this degree can provide the background and skills required for a career within the space and cyber domain.

However, the program is also available to Navy Midshipman and Army Officer Cadets, and graduates are employed in many technical branches of the ADF.

For all Pilots, the practical flying components are undertaken after graduating from ADFA.

*To those thinking  
about a change  
of career in  
whatever form  
that is, never  
be afraid to  
step out of your  
comfort zone.*



ACTING SUB LIEUTENANT LAWRENCE SABADI

BACHELOR OF ARTS DEGREE MAJORING IN

BUSINESS, INTERNATIONAL AND POLITICAL STUDIES

Sub Lieutenant Lawrence Sabadi was a sailor  
and is now going to ADFA to become an Officer

# BACHELOR OF COMPUTING & CYBER SECURITY

BCOMPCYBSEC

UAC CODE 450030

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

80 MIN

## DURATION

🕒 Three years full time

## ASSUMED SUBJECT KNOWLEDGE

■ Mathematics (Advanced)

## SUBJECT OVERVIEW

The Bachelor of Computing and Cyber Security is built on solid computer science and mathematics fundamentals with a focus on both theoretical foundations and practical approaches to computation and its applications within security. In this program, you'll first apply these techniques to gaming and then later learn more about hardware, systems, networking and the internet, and how to secure such environments.

The design methods, tools and programming ability gained can be applied to many kinds of computer applications. In a final-year capstone team project, you will be able to select from a wide range of ADF and civilian application domains in which to develop these abilities in computing and cyber security. You will use state of the art equipment in all your security and forensics courses.

The Bachelor of Computing and Cyber Security program will help you develop lifelong skills including creativity, problem-solving ability, critical thinking and communication skills, all of which are important not only in a cyber security, space or cyber war environment, but in all professions. It will prepare you to deal with technical issues in a computing environment, and help you develop intellectual and practical problem-solving skills through studies across a range of computing specialisations.

## COMPUTING AND CYBER SECURITY

### IN AN ADF CAREER

As a graduate of the Bachelor of Computing and Cyber Security degree, you will have an intellectual advantage for all relevant careers in the ADF, given the planned introduction of new capability, growth of the space and cyber domain, and the increased influence of the information environment on military operations. Most importantly, you will possess an excellent combination of technical knowledge and practical expertise for specific ADF careers that leverage advantage from Computing and Cyber Security. These include the following roles:



#### NAVY

- Helicopter Pilot
- Helicopter Mission Commander
- Human Resource Manager
- Intelligence Officer
- Logistics and Finance Officer
- Maritime Warfare Officer
- Maritime Warfare Officer Submariner
- Information Warfare Officer



#### ARMY

Army Officer, in one of 13 specialisations, including Signals, Aviation and Intelligence.



#### AIR FORCE

- Cyber Warfare Officer
- Human Resource Manager
- Intelligence Officer
- Logistics Manager
- Mission Controller
- Mission Aircrew
- Pilot



# BACHELOR OF ARTS

BA

UAC CODE 450001

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

75 MIN

## DURATION

🕒 Three years full time

## ASSUMED SUBJECT KNOWLEDGE

■ English

## SUBJECT OVERVIEW

This Bachelor of Arts degree will enrich your understanding of the world and challenge you to think outside the box. The degree enriches your understanding of how human beings make and debate life's meaning and values. Whether you want to learn a new language, study a new culture, or discover the past, studying a Bachelor of Arts will prepare you for a multifaceted career in a wide range of industries.

Bachelor of Arts Midshipman and Officer Cadets must complete two majors from the following:

- Business
- English and Media Studies
- Geography
- History
- Indonesian Studies
- International and Political Studies

## ARTS IN AN ADF CAREER

Arts degrees are flexible and allow you to keep your options open by developing a capacity for critical analysis and argument, as well as an awareness of the value of language as a political, intellectual, creative and communicative tool.

This program gives you the analytical skills to be an effective leader and manager, therefore can lead to a variety of Officer roles across Navy, Army, or Air Force.



# BACHELOR OF BUSINESS

BBUS

UAC CODE 450010

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

80 MIN

## DURATION

🕒 Three years full time

## SUBJECT OVERVIEW

The Bachelor of Business is designed to enhance business acumen among future leaders and managers in the ADF, and provide you with the capacity to interact effectively with external business providers. It aims to lay solid foundations in communication, numeracy and general problem-solving capabilities.

The degree is built within a specifically business-oriented context of study, and will develop your knowledge in a diverse range of areas associated with organisational management and leadership. When taking this degree, you will become familiar with bodies of knowledge that will enhance your capacity to manage Defence business throughout your ADF career.

The diverse range of electives form discipline pathways in economics, accounting, management and human resources and will build a solid core of fundamental business knowledge. If you want qualifications and skills highly sought after internationally by industry and government, the Bachelor of Business degree has you covered.

## BUSINESS IN AN ADF CAREER

A Bachelor of Business positions you to work within the business processes of the ADF and to interact with external service providers. This is particularly valuable in leadership and management roles in the ADF in areas such as acquisitions and procurement, general administration, intelligence analysis, logistics, project management, workforce design and the management of people.

# BACHELOR OF SCIENCE

BSC

UAC CODE 450020

## INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

75 MIN

## DURATION

🕒 Three years full time

## ASSUMED SUBJECT KNOWLEDGE

- Mathematics (Advanced) (for Aviation, Chemistry, Mathematics, Oceanography and Physics majors)
- Physics (for Aviation, Oceanography and Physics majors)

## SUBJECT OVERVIEW

Science is the understanding of the physical universe (from subatomic particles and microbes through to the planet's environment and the origin of the universe itself), and human interactions with it. Just as important is the scientific process by which this understanding is gained.

It is the foundation of the modern technologies that enhance the quality of lives and provide even more sophisticated means of applying the scientific process. In addition, science is crucial in the control of disease, biotechnology, new sustainable energy sources, information technology and the management of precious natural resources.

A Bachelor of Science degree will help you develop lifelong skills including creativity, problem-solving abilities, critical thinking and communication skills. These expertise will be useful not only in a scientific environment, but in all professions including the military.

The ADF requires leaders who are prepared to deal with technical and management issues that will often require scientific knowledge, and the intellectual and practical problem-solving skills developed through studies in physical, environmental and mathematical sciences

Should you excel in your Bachelor of Science degree, you may have the opportunity to undertake an Honours degree, which is an extra year of study. This is subject to the needs of the individual Services.

In the Bachelor of Science course you will have to complete two disciplines from the following:


- Aviation
- Chemistry
- Computer Science
- Geography
- Mathematics
- Oceanography
- Physics

## SCIENCE IN AN ADF CAREER

The Bachelor of Science degree will prepare graduates to deal with technical and management issues that often require scientific knowledge and the intellectual and practical problem-solving skills developed through studies in physical, environmental and mathematical sciences, and information technology

Additionally, these skills, alongside personal motivation, provide you with a solid background for a pathway into the space and cyber domain within the ADF.

Studying science will allow you to build lifelong skills in creativity, critical thinking, problem-solving and communication. Your degree will equip you with a breadth of technical, strategic and logistical knowledge for a successful career in a variety of roles across the Navy, Army and Air Force.



*You get your  
degree paid for,  
have all the  
support you need,  
and build  
friendships for  
a lifetime.*

DANNI, AIR FORCE OFFICER CADET

BACHELOR OF BUSINESS

# EMBARK ON A RICH & REWARDING CAREER

An ADFA degree opens up an exciting range of opportunities in the Navy, Army and Air Force. From a career perspective, this world-class qualification will set you up for life.

Here you can explore the jobs each degree can lead to. For full details about each role visit the ADF Careers Website.

 '<SERVICE> <JOB TITLE>'

DEGREE	ATAR	ASSUMED KNOWLEDGE	ADF CAREER OPTIONS		
			NAVY	ARMY	AIR FORCE
ENGINEERING					
Bachelor of Aeronautical Engineering (Honours)	85	Mathematics (Advanced) and Physics	Aerospace Engineer Officer Aircraft Electronics Engineer	Aeronautical Engineer Avionics Engineer Army Officer (in any specialisation or corps)	Aeronautical Engineer Armament Engineer
Bachelor of Civil Engineering (Honours)	85	Mathematics (Advanced) and Physics	N/A	Civil Engineer Army Officer (in any specialisation or corps)	Airfield Engineer
Bachelor of Electrical Engineering (Honours)	85	Mathematics (Advanced) and Physics	Aircraft Electronics Engineer Electronics Engineer Elec Eng Submariner	Avionics Engineer Mechatronic & Electrical Engineer Army Officer (in any specialisation or corps)	Armament Engineer Electronics Engineer - Aviation Electronics Engineer - Networks
Bachelor of Mechanical Engineering (Honours)	85	Mathematics (Advanced) and Physics	Mechanical Engineer Mech Eng Submariner	Mechanical Engineer Army Officer (in any specialisation or corps)	Aeronautical Engineer Armament Engineer
Bachelor of Naval Architecture Engineering (Honours)	85	Mathematics (Advanced) and Physics	Mechanical Engineer Mech Eng Submariner	Army Officer (in any specialisation or corps)	N/A
Bachelor of Technology (Aeronautical Engineering)	85	Mathematics (Advanced) and Physics	Helicopter Mission Commander Helicopter Pilot	Helicopter Pilot Army Officer (in any specialisation or corps)	Mission Aircrew Mission Controller Pilot

DEGREE	ATAR	ASSUMED KNOWLEDGE	ADF CAREER OPTIONS		
			NAVY	ARMY	AIR FORCE
COMPUTING AND CYBER SECURITY					
Bachelor of Computing & Cyber Security	80	Mathematics (Advanced)	Helicopter Mission Commander Helicopter Pilot Human Resource Manager Information Warfare Officer Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer (MWO) MWO Submariner	Army Officer (in any specialisation or corps)	Cyber Warfare Officer Human Resource Manager Intelligence Officer Logistics Manager Mission Aircrew Mission Controller Pilot
ARTS					
Bachelor of Arts	75	English	Helicopter Mission Commander Helicopter Pilot Human Resource Manager Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer (MWO) MWO Submariner	Army Officer (in any specialisation or corps)	Ground Defence Officer Human Resource Manager Intelligence Officer Logistics Manager Mission Aircrew Mission Controller Pilot
BUSINESS					
Bachelor of Business	80		Helicopter Mission Commander Helicopter Pilot Human Resource Manager Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer (MWO) MWO Submariner	Army Officer (in any specialisation or corps)	Ground Defence Officer Human Resource Manager Intelligence Officer Logistics Manager Mission Aircrew Mission Controller Pilot
SCIENCE					
Bachelor of Science	75	Mathematics (Advanced) and Physics	Helicopter Mission Commander Helicopter Pilot Human Resource Manager Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer (MWO) MWO Submariner	Army Officer (in any specialisation or corps)	Ground Defence Officer Human Resource Manager Intelligence Officer Logistics Manager Mission Aircrew Mission Controller Pilot

DEGREE	ATAR	ASSUMED KNOWLEDGE
<b>CHIEF OF DEFENCE FORCE STUDENT'S PROGRAMS</b>		
Bachelor of Arts	95	English
Bachelor of Business	95	
Bachelor of Computing & Cyber Security	98	Mathematics (Advanced) and Physics
Bachelor of Engineering (all specifications)	98	Mathematics (Advanced) and Physics
Bachelor of Science	95	Mathematics (Advanced) and Physics
Bachelor of Technology (Aeronautical Engineering)	98	Mathematics (Advanced) and Physics

# SPECIAL PROGRAMS AND AWARDS

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# CHIEF OF DEFENCE FORCE STUDENTS PROGRAM

## THE PROGRAM FOR ACADEMICALLY

### GIFTED STUDENTS

UNSW Canberra which is located at the Australian Defence Force Academy offers an exciting range of enhanced undergraduate degree options to high performers in Arts, Business, Engineering, Science and Technology.

The Chief of the Defence Force Students Program (CDFSP) provides academically gifted Midshipmen and Officer Cadets with a rich and challenging educational experience that will develop their critical thinking and research skills.

If you are eligible for the CDFSP, you will undertake individual research projects working closely with academic staff on projects from their area of interest. Upon completion of your degree, you will receive a special award that reflects your involvement in this prestigious program.

CDFSPs are offered across all four schools of the Academy and provide an exceptional opportunity for gifted students to reach their full academic potential.

## ENTRY AND PROGRESSION

### REQUIREMENTS

You will be invited to join the CDF program if you have achieved the following entrance scores. Please note that HSC Plus bonus points cannot be used for entry into this program.

<b>Bachelor of Arts</b>	ATAR 95
<b>Bachelor of Business</b>	ATAR 95
<b>Bachelor of Computing and Cyber Security</b>	ATAR 98
<b>Bachelor of Engineering (all specifications)</b>	ATAR 98
<b>Bachelor of Science</b>	ATAR 95
<b>Bachelor of Technology (Aeronautical)</b>	ATAR 98

If you do not initially obtain a high enough entrance score for admission into the CDFSP, yet achieve outstanding academic results during your first year of study at ADFA, you may apply to transfer from a standard degree to the program in the middle of Year 1 or at the start of Year 2.

All students enrolling in the CDFSP are expected to maintain a high level of academic and military performance in order to remain in the program. If you do not maintain the required level of performance (which varies across the degree programs), you will be transferred to the standard degree program offered at ADFA with credit for all courses completed.

# ADJUSTMENT FACTORS

## (BONUS POINTS)

UNSW has three schemes that allow bonus points to be added to your Australian Tertiary entrance rank (ATAR). This adjusted score is then used to assess your eligibility.

A maximum total of 10 bonus points is available to applicants who apply for a UNSW Canberra at ADFA course.

### HSC PLUS

This is a national scheme for Year 12 students that recognises the strong correlation between subject performance and preparation for, and success in, first year university studies. If you have done well in relevant Year 12 subjects you may qualify for up to 5 bonus points.

To find out about eligibility and how points are awarded:

 **'UNSW HSC PLUS'**

### ELITE ATHLETES AND PERFORMERS

This scheme recognises high school leavers who have excelled in areas of sport, academia, performance, leadership, and/or music at a national and/or international level during years 11 and/or 12. If you are a classic 'all-rounder' you may qualify for up to 5 bonus points.

Applications must be made to UNSW before 30 November. To find out about eligibility and how to apply:

 **'UNSW ELITE ATHLETES AND PERFORMERS'**

### EDUCATIONAL ACCESS SCHEME

Part of UNSW's commitment to equal opportunity and affirmative action in education. This scheme provides an alternative method of entry to higher education if you have experienced a long-term educational disadvantage. Eligible students may qualify for up to 10 bonus points.

Applications must be made through UAC. To find out about eligibility and how to apply:

 **'UAC EDUCATIONAL ACCESS SCHEME'**



*We've got  
footy fields,  
basketball courts,  
a swimming pool  
and even a rock  
climbing wall.*



MADDIE, ARMY OFFICER CADET

BACHELOR OF BUSINESS

AT ADFA YOU NOT ONLY STUDY FOR A TERTIARY DEGREE, BUT YOU ALSO UNDERTAKE TWO TYPES OF MILITARY TRAINING TO DEVELOP THE FUNDAMENTAL KNOWLEDGE, SKILLS AND ATTRIBUTES REQUIRED TO BECOME A LEADER IN THE NAVY, ARMY OR AIR FORCE:

- 1 Joint Military Education and Training (JMET)
- 2 Single Service Training - SST

## 1 JOINT MILITARY EDUCATION AND TRAINING (JMET)

ADFA's Joint Military Education and Training (JMET) program establishes foundational military knowledge for Trainee Officers (TO's) in the profession of arms. JMET is divided into five core modules: Foundational Military Skills, National Security Policy and Strategy, Character Leadership and Ethics, Technology and Capability, and Joint Warfare.

JMET integrates the professional military education of TO's with the academic program to establish foundational skills and historical, philosophical and technical literacy. The ADFA program of JMET and academic studies encourages curiosity and critical thinking so that TO's understand their role as leaders within the ADF, and their services contribution to the Joint Force.

- Character, leadership and ethics
- Drill and Ceremonial
- Field craft
- Joint warfare
- National security, policy and strategy
- Physical training
- Technology and capability
- Weapons training



**GAIN MILITARY  
& LEADERSHIP  
SKILLS**

During your academic semester breaks you will have the opportunity to conduct work experience and training with your chosen service and within your chosen area of employment.



### NAVY

Navy SST furthers your skills, knowledge and attributes gained in your first year in the Navy, and provides you the opportunity to undertake work experience and training in your chosen specialisation.

- Degree related work experience
- Navy culture and traditions
- Professional development work experience and outplacements
- Seamanship and mariner skills
- Teamwork and leadership



### ARMY

Army SST gives you the opportunity to experience life in the Army and gain core Army leadership, technical and field skills.

- Combat fitness
- Field craft
- Leadership training
- Radio communications
- Work experience
- Weapon handling

### AIR FORCE

Air Force SST gives you the opportunity to experience life in the Air Force close up.

- Adventure training
- Air Force heritage
- Air power knowledge
- Communications
- Drill and ceremonial
- Ground defence training
- Leadership and management
- Military justice
- Weapon training
- Work experience





**IN EXCHANGE FOR INVESTING IN YOU  
WITH FREE WORLD-CLASS EDUCATION  
AND TRAINING, YOU WILL BE  
REQUIRED TO SERVE FOR AN INITIAL  
MINIMUM PERIOD OF SERVICE (IMPS).**

The actual period varies between roles but is generally in the region of nine years. Your IMPS commences immediately after you have appointed into the Australian Defence Force and start at ADFA.

This means that if you decide the ADF is not for you, you may leave the Academy at any time up to either your first or second year of academic studies, without any obligation or repayments. If you undertake Navy training in your first year of appointment as a Defence Academy Entry Officer, you may leave the ADF up until your graduation day of your first year of academic studies.

See individual job descriptions online for specific commitment requirements:

 '<SERVICE> <JOB TITLE>'

# ELIGIBILITY CHECK



## NATIONALITY

AUSTRALIAN CITIZEN, OR  
PERMANENT RESIDENT  
ELIGIBLE TO APPLY FOR CITIZENSHIP

# 16+

## AGE

AT LEAST 16 WHEN APPLYING  
AND 17 ON ENTRY



## EDUCATION

COMPLETION OF YEAR 12  
PASSES THAT MEET THE REQUIREMENTS OF  
YOUR CHOSEN ADF ROLE AND UNSW DEGREE



## FITNESS

SUFFICIENT GENERAL  
FITNESS TO PASS A PRE-ENTRY  
FITNESS ASSESSMENT

## ADF ACTIVE



THE ADF ACTIVE APP HELPS YOU  
ASSESS YOUR PRE-ENTRY FITNESS  
AND GUIDES YOU TO THE LEVELS YOU  
NEED FOR THE ASSESSMENT.

## PRE-ENTRY FITNESS

### ASSESSMENT (PFA)

AS PART OF YOUR PRE-ENTRY  
FITNESS ASSESSMENT (PFA),  
YOU WILL NEED TO COMPLETE A  
NUMBER OF SPECIFIC EXERCISES  
TO A CERTAIN STANDARD

The exercises vary across Navy, Army and Air Force and depend on the role you're applying for. The PFA may include push-ups, sit-ups and a cardio exercise such as a shuttle run (beep test), run, walk or swim. To find out which exercises and standards are relevant to you, visit the Health & Fitness page on [ADFCareers.gov.au](https://www.adfcareers.gov.au)



# HOW TO APPLY

## APPLYING FOR ADFA IS A COMPETITIVE, DUAL APPLICATION PROCESS.

You will be applying for an officer role in the Navy, Army or Air Force, as well as a UNSW degree program; so you will need to submit separate applications that meet the entry requirements of both elements.

The process can take up to 12 months. Therefore it's preferable you apply in Year 11, but you can still apply in Year 12.

### THE DUAL APPLICATION PROCESS

#### ADF PROCESS

CHOOSE AND APPLY FOR YOUR ROLE AT [ADFCAREERS.GOV.AU](http://ADFCAREERS.GOV.AU), CALL A RECRUITER OR VISIT YOUR LOCAL RECRUITING CENTRE

ATTEND A YOUR OPPORTUNITIES UNLIMITED (YOU) SESSION (PREFERABLY IN YEAR 11 OR EARLY 12)

ATTEND AN ASSESSMENT DAY WITH A PSYCHOLOGICAL INTERVIEW, MEDICAL ASSESSMENT AND ADF INTERVIEW

ATTEND AN OFFICER SELECTION BOARD IN CANBERRA

RECEIVE OFFER FROM THE ADF

ACCEPT ADF OFFER (SUBJECT TO PASSING PRE-ENTRY FITNESS ASSESSMENT AND FINAL MEDICAL)

#### UNSW PROCESS

VIEW UNSW CANBERRA DEGREE OPTIONS AND APPLICATION PROCESS AT [WWW.UNSW.ADFA.EDU.AU](http://WWW.UNSW.ADFA.EDU.AU)


DECIDE WHICH DEGREE TO APPLY FOR BASED ON YOUR CAREER CHOICE

APPLY FOR UNSW CANBERRA-ADFA THROUGH THE UNIVERSITIES ADMISSIONS CENTRE (UAC) [WWW.UAC.EDU.AU](http://WWW.UAC.EDU.AU)

(Opens in August in the year prior to the year of entry)

ACCEPT UNIVERSITIES ADMISSIONS CENTRE OFFER

**NEXT STOP CANBERRA, WELCOME TO ADFA!**

A large group of Air Force Officer Cadets in white uniforms are celebrating, with many of them throwing their caps into the air. The caps are seen floating in the sky above the group. The background shows a clear blue sky with some clouds and green trees in the distance.

*I love it to bits,  
mainly because of the people  
you meet and the  
experiences you have.*

JOHN, AIR FORCE OFFICER CADET

BACHELOR OF BUSINESS

# TAKE THE NEXT STEP

## FIND OUT MORE ONLINE

Learn more about the roles, lifestyle, opportunities and rewards on the ADF Careers website. You'll find the answers to frequently asked questions there too. [ADFCareers.gov.au/adfa](https://ADFCareers.gov.au/adfa)

## VISIT A RECRUITING CENTRE

Defence Force Recruiting Centres are located across Australia. Find your nearest here: [ADFCareers.gov.au/adfa](https://ADFCareers.gov.au/adfa)

## CHAT WITH A RECRUITER

Call **13 19 01**

## CONNECT WITH US

 DEFENCE JOBS AUSTRALIA

 DEFENCEJOBSAUST

 DEFENCE JOBS AUSTRALIA

 DEFENCE JOBS AUSTRALIA

 @DEFENCEJOBSAUST

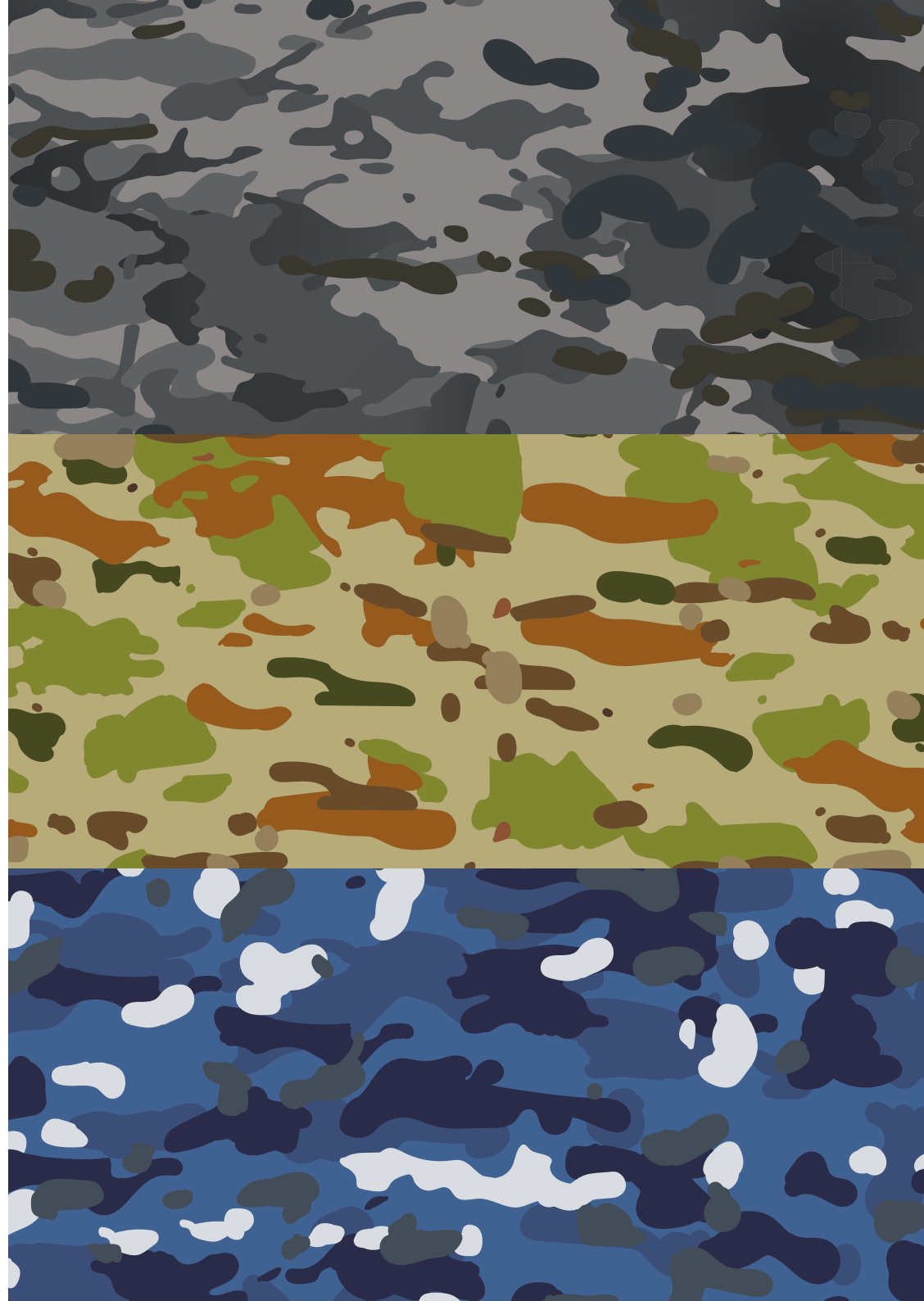
## CONNECT WITH ADFA

 AUSTRALIAN DEFENCE FORCE ACADEMY

 ADFACADEMY

 AUSTRALIAN DEFENCE FORCE ACADEMY

 @COMDTADFA



CALL 13 19 01 OR VISIT

[ADFCAREERS.GOV.AU/ADFA](https://adfcareers.gov.au/adfa)

