



ADFA

WHERE IT ALL BEGINS

2025

NOVEMBER 2024



ADFA
AUSTRALIAN DEFENCE FORCE ACADEMY



UNSW
CANBERRA



WORLD-CLASS DEGREES.

UNRIVALLED MILITARY &

LEADERSHIP TRAINING.



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 20 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

* 2025 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 ADF can offer you. Find out more about the next ADFA Open Day at adfcareers.gov.au

For more about what life's like for students:

 '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

18 AERONAUTICAL ENGINEERING

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28 TECHNOLOGY (AERONAUTICAL ENGINEERING)

COMPUTING AND CYBER SECURITY

ARTS

BUSINESS

SCIENCE

If you are unsure if you meet all requirements of a degree, speak to ADF Careers about your options.



ENGINEERING

BACHELOR OF

BE (HONS)

UAC CODE 450040

ENGINEERING (HONOURS)

(AERONAUTICAL)

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

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

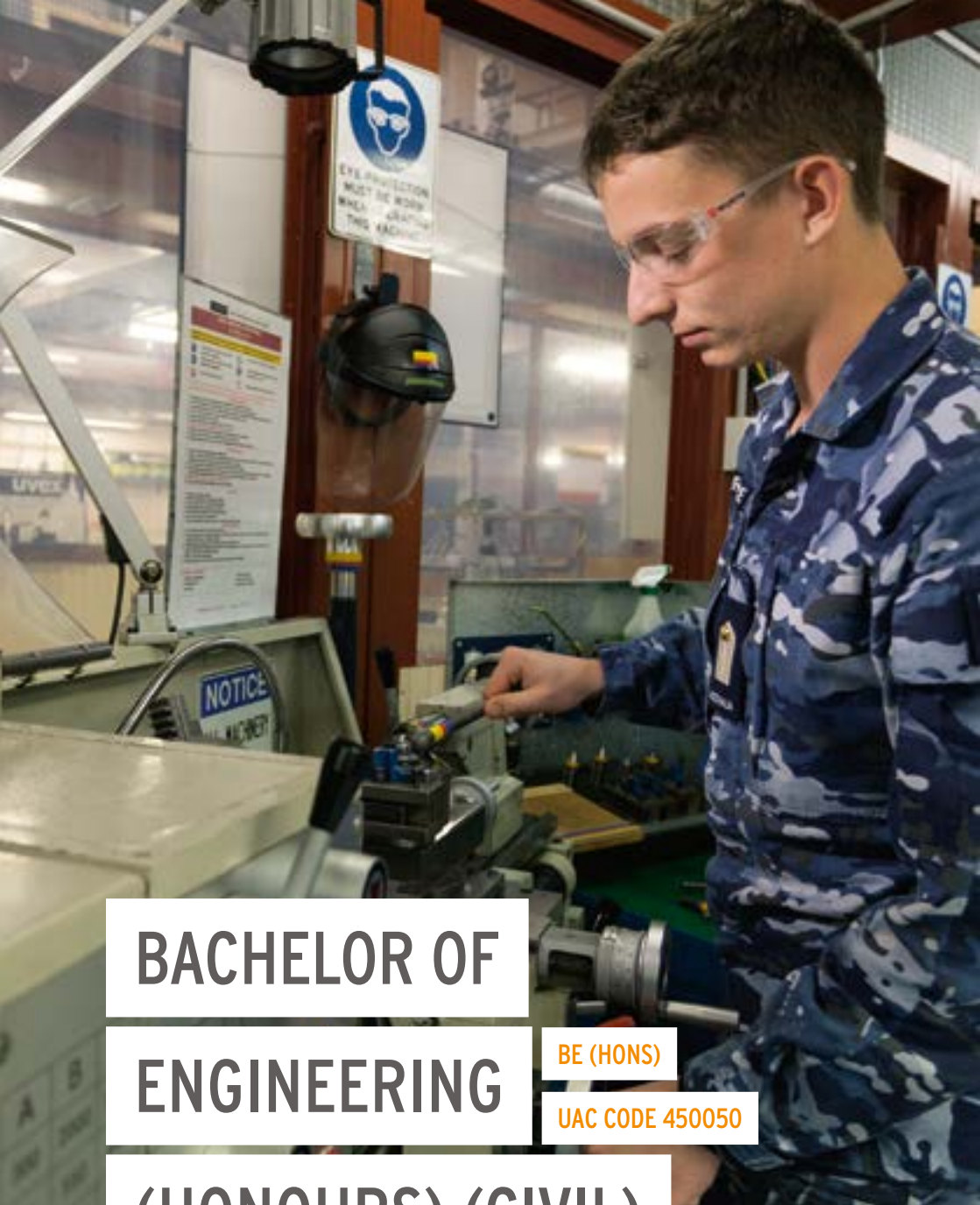
Army Aeronautical Engineering graduates are most likely to be involved in the maintenance and repair of ARH-Tiger, Chinook and Black Hawk helicopters or the Army's rapidly growing fleet of unmanned aerial vehicles.



AIR FORCE

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, you 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 Armament Engineer.



BACHELOR OF

ENGINEERING

(HONOURS) (CIVIL)

BE (HONS)


UAC CODE 450050

INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

DURATION

 Four years full time

REQUIRED SUBJECTS

- 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

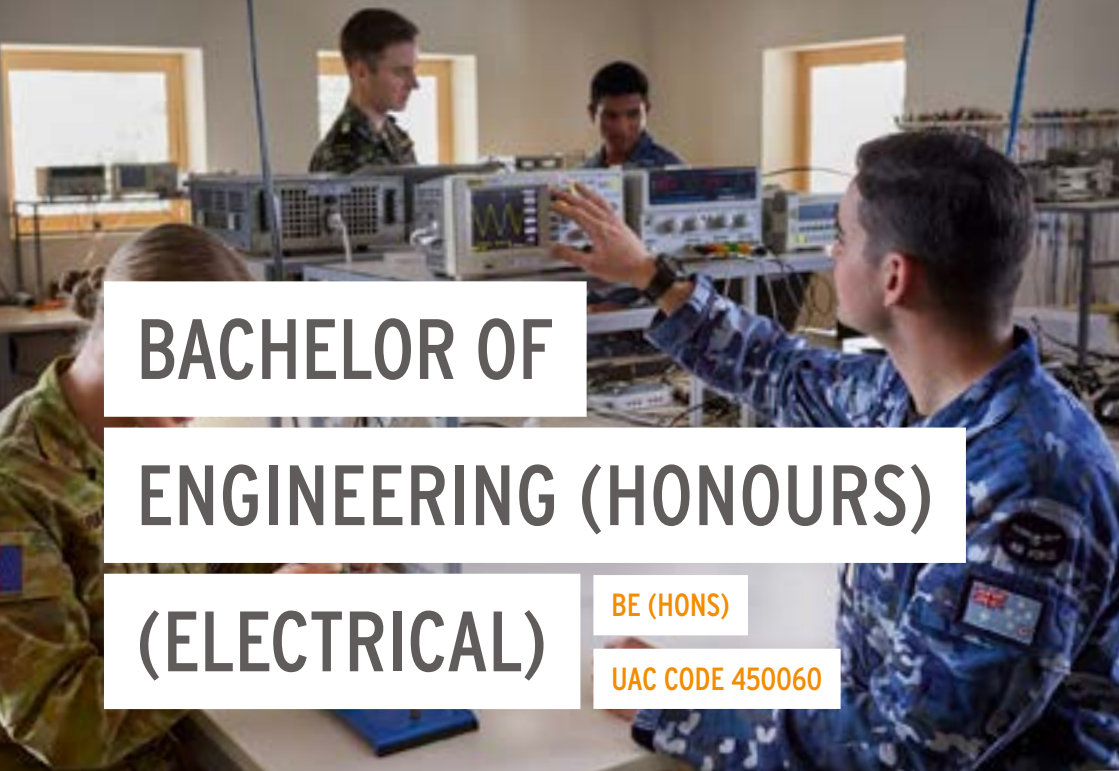
Graduates in Civil Engineering take responsibility for the design and construction of infrastructure, base facilities, temporary runways and field engineering associated with ADF projects and military activities. Environmental management plays a major part in these projects, and you may also get involved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



BACHELOR OF ENGINEERING (HONOURS) (ELECTRICAL)

BE (HONS)

UAC CODE 450060

INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

85 MIN

DURATION

🕒 Four years full time

REQUIRED SUBJECTS

- 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 or Electronics Engineer Submariner in the Navy, you will be responsible for looking after the weapons, communications and sensor systems on either ships or submarines.

These complex platforms 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 and submarines, 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.



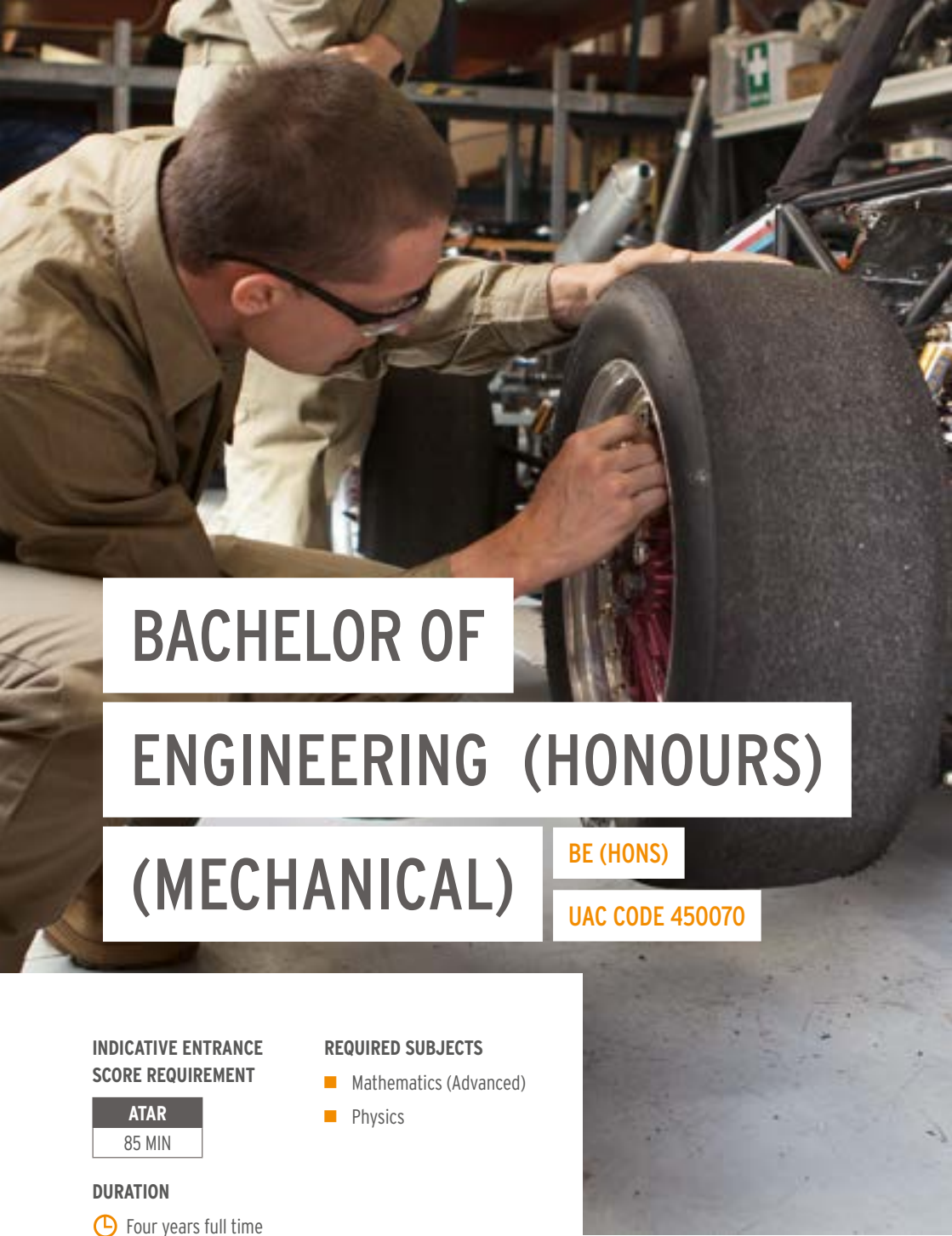
AIR FORCE

This degree is applicable for three engineering roles within Air Force: Electronics Engineer - Aviation, Electronics Engineer - Cyber Systems, and Armament Engineer.

An Electronics Engineer - Aviation is responsible for the avionics 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 - Cyber Systems undertakes Information Technology and Network subject electives, and upon graduation may lead teams of Cyber Systems Specialists 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

REQUIRED SUBJECTS

- Mathematics (Advanced)
- Physics

DURATION

 Four years full time

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

REQUIRED SUBJECTS

- 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

REQUIRED SUBJECTS

- 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 ADF 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.



SABADI

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

REQUIRED SUBJECTS

■ 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

- Aviation Warfare Officer
- Helicopter Pilot
- Human Resource Manager
- Hydrographic Officer
- Intelligence Officer
- Information Warfare Officer
- Logistics and Finance Officer
- Maritime Warfare Officer Submariner
- Mine Warfare and Clearance Diving Officer
- Surface Warfare Officer

ARMY

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

AIR FORCE

- Air Intelligence Officer
- Cyber Warfare Officer
- Logistics Officer
- Mission Personnel Officer
- Pilot



BACHELOR

OF ARTS

BA

UAC CODE 450001

INDICATIVE ENTRANCE SCORE REQUIREMENT

ATAR

75 MIN

DURATION

🕒 Three years full time

REQUIRED SUBJECTS

■ 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 or a major and a minor from the following:

- Business
- Geography
- History
- Indo-Pacific 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

REQUIRED SUBJECTS

- 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 you will be required to complete a major and a minor from the following disciplines:


- 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	REQUIRED SUBJECTS	ADF CAREER OPTIONS		
			NAVY	ARMY	AIR FORCE
ENGINEERING					
Bachelor of Aeronautical Engineering (Honours)	85	Mathematics (Advanced) and Physics	Aerospace Engineer Officer Aircraft Electronics Engineer Nuclear Submarine Officer	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	Nuclear Submarine Officer	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 Nuclear Submarine Officer	Avionics Engineer Mechatronic & Electrical Engineer Army Officer (in any specialisation or corps)	Armament Engineer Electronics Engineer - Aviation Electronics Engineer - Cyber Systems
Bachelor of Mechanical Engineering (Honours)	85	Mathematics (Advanced) and Physics	Mechanical Engineer Mech Eng Submariner Nuclear Submarine Officer	Mechanical Engineer Army Officer (in any specialisation or corps) Aeronautical Engineer	Aeronautical Engineer Armament Engineer
Bachelor of Naval Architecture Engineering (Honours)	85	Mathematics (Advanced) and Physics	Mechanical Engineer Mech Eng Submariner Nuclear Submarine Officer	Army Officer (in any specialisation or corps)	N/A
Bachelor of Technology (Aeronautical Engineering)	85	Mathematics (Advanced) and Physics	Aviation Warfare Officer Helicopter Pilot Nuclear Submarine Officer	Helicopter Pilot Army Officer (in any specialisation or corps)	Mission Pilot

DEGREE	ATAR	REQUIRED SUBJECTS	ADF CAREER OPTIONS		
			NAVY	ARMY	AIR FORCE
COMPUTING AND CYBER SECURITY					
Bachelor of Computing & Cyber Security	80	Mathematics (Advanced)	Aviation Warfare Officer Helicopter Pilot Human Resource Manager Information Warfare Officer Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer Submariner Mine Warfare and Clearance Diving Officer Nuclear Submarine Officer Surface Warfare Officer Hydrographic Officer	Army Officer (in any specialisation or corps)	Air Intelligence Officer Cyber Warfare Officer Logistics Officer Mission Personnel Officer Pilot
ARTS					
Bachelor of Arts	75	English	Aviation Warfare Officer Helicopter Pilot Human Resource Manager Hydrographic Officer Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer Submariner Mine Warfare and Clearance Diving Officer Nuclear Submarine Officer Surface Warfare Officer	Army Officer (in any specialisation or corps)	Air Intelligence Officer Logistics Officer Mission Personnel Officer Pilot Security Forces Officer
BUSINESS					
Bachelor of Business	80		Aviation Warfare Officer Helicopter Pilot Human Resource Manager Intelligence Officer Logistics and Finance Officer Maritime Warfare Officer Submariner Mine Warfare and Clearance Diving Officer Hydrographic Officer Nuclear Submarine Officer Surface Warfare Officer	Army Officer (in any specialisation or corps)	Air Intelligence Officer Logistics Officer Mission Personnel Officer Pilot Security Forces Officer
SCIENCE					
Bachelor of Science	75	Mathematics (Advanced) and Physics	Aviation Warfare Officer Helicopter Pilot Human Resource Manager Hydrographic Officer Intelligence Officer Maritime Warfare Officer Submariner Meteorological and Oceanographic Officer Mine Warfare and Clearance Diving Officer Nuclear Submarine Officer Logistics and Finance Officer Surface Warfare Officer	Army Officer (in any specialisation or corps)	Air Intelligence Officer Logistics Officer Mission Personnel Officer Pilot Security Forces Officer

DEGREE	ATAR	REQUIRED SUBJECTS
CHIEF OF DEFENCE FORCE STUDENT'S PROGRAMS		
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

46 CHIEF OF DEFENCE FORCE STUDENTS PROGRAM

48 BONUS POINTS SCHEMES



CHIEF OF DEFENCE FORCE

STUDENTS PROGRAM

THE PROGRAM FOR ACADEMICALLY GIFTED STUDENTS

UNSW Canberra which is located at ADFA 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.

Bachelor of Arts	ATAR 95
Bachelor of Business	ATAR 95
Bachelor of Computing and Cyber Security	ATAR 98
Bachelor of Engineering (all specifications)	ATAR 98
Bachelor of Science	ATAR 95
Bachelor of Technology (Aeronautical)	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 course at ADFA.

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:

Q '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:

Q '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:

Q '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 (TOs) 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 TOs 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 TOs 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.

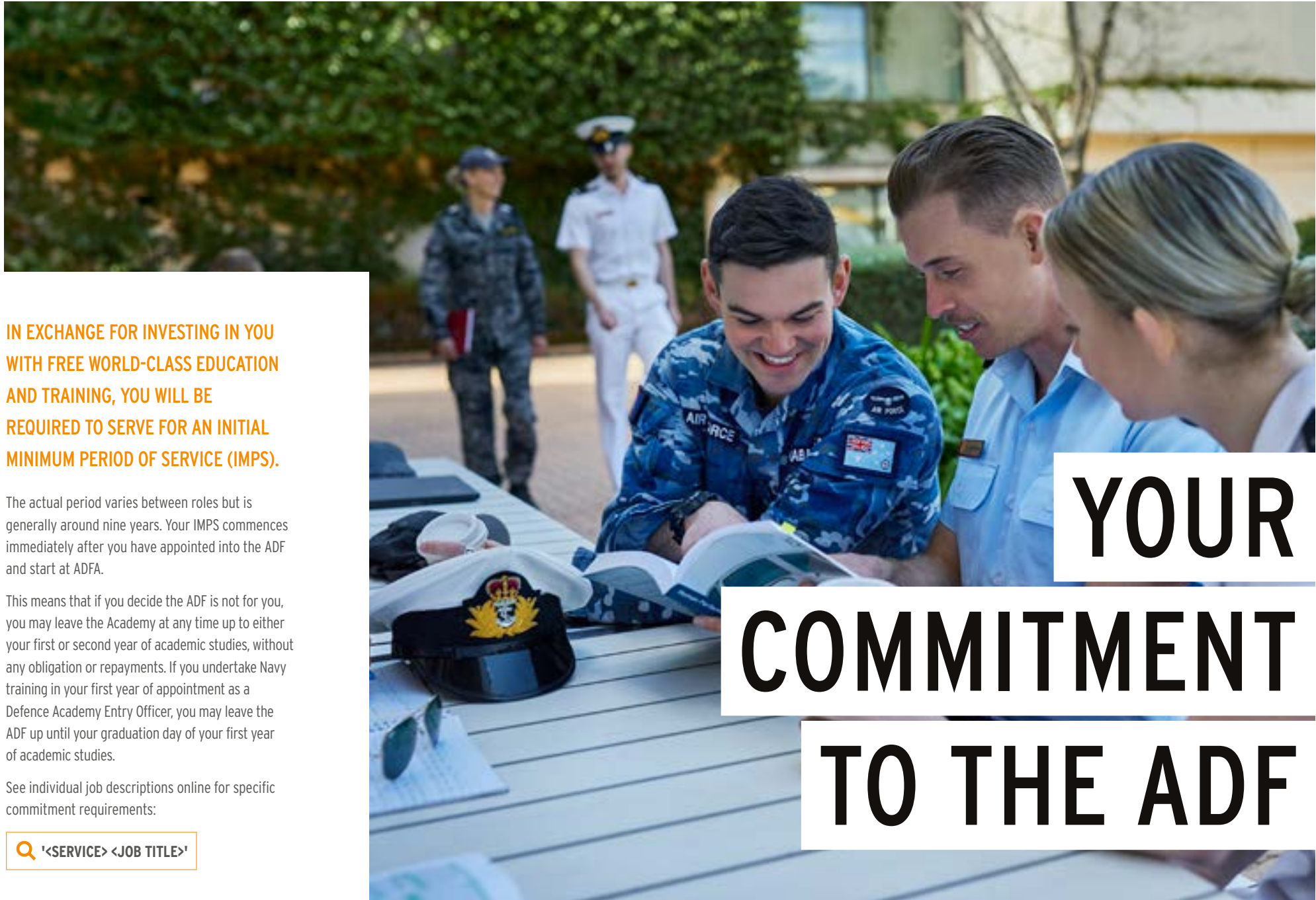
- Combat fitness
- Field craft
- Leadership training
- Radio communications
- Work experience
- Weapon handling

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 around nine years. Your IMPS commences immediately after you have appointed into the ADF 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:

Q '<SERVICE> <JOB TITLE>'

YOUR COMMITMENT TO THE ADF

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

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

The fitness requirements vary across
Navy, Army and Air Force and depend on
the role you're applying for. To find out
which exercises and standards are relevant
to you, visit the Health & Fitness page on
adfcareers.gov.au

ADF ACTIVE



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



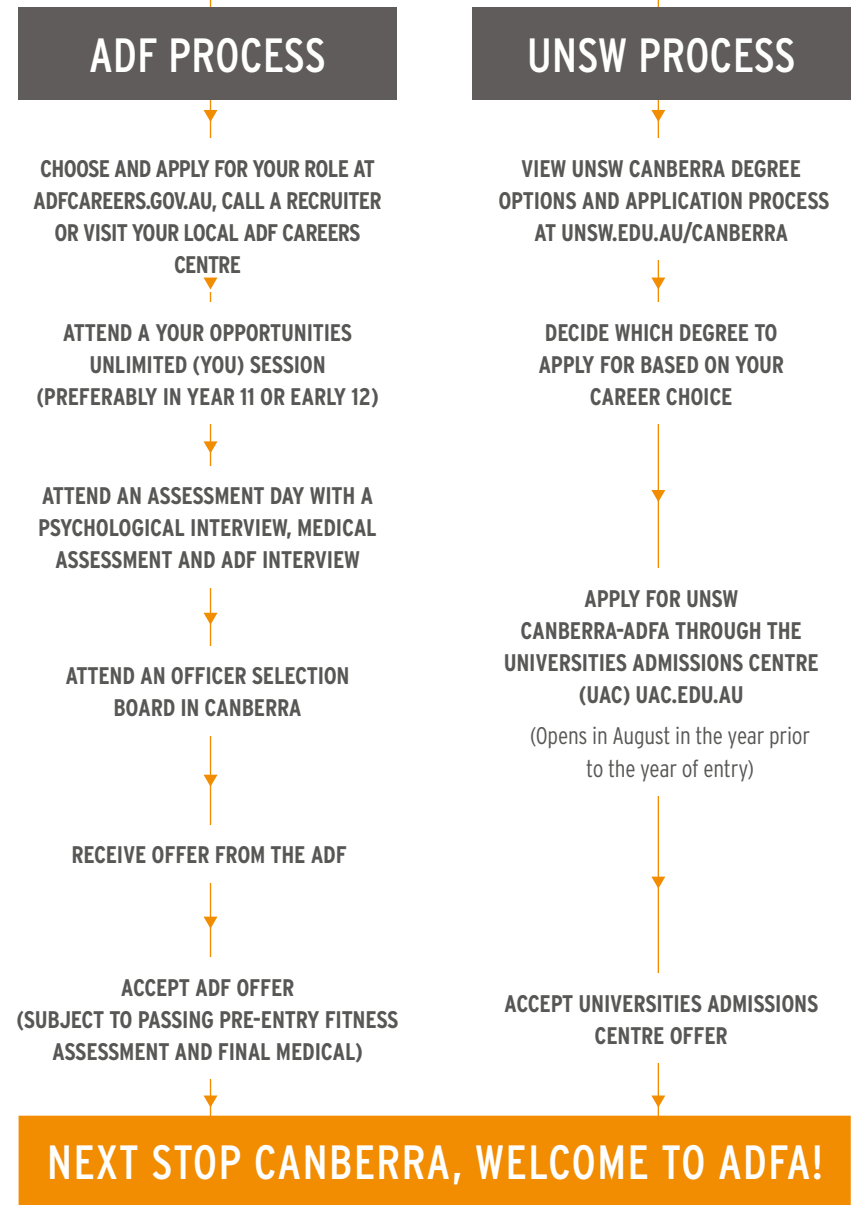
HOW TO APPLY

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



I love it
mainly because
you meet
experiences

to bits,
of the people
and the
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

VISIT AN ADF CAREERS CENTRE

ADF Careers Centres are located across Australia. Find your nearest here: adfcareers.gov.au/help/contact-us

CHAT WITH A RECRUITER

Call **13 19 01**

CONNECT WITH US

 ADF Careers

 ADFCareers

 ADF Careers

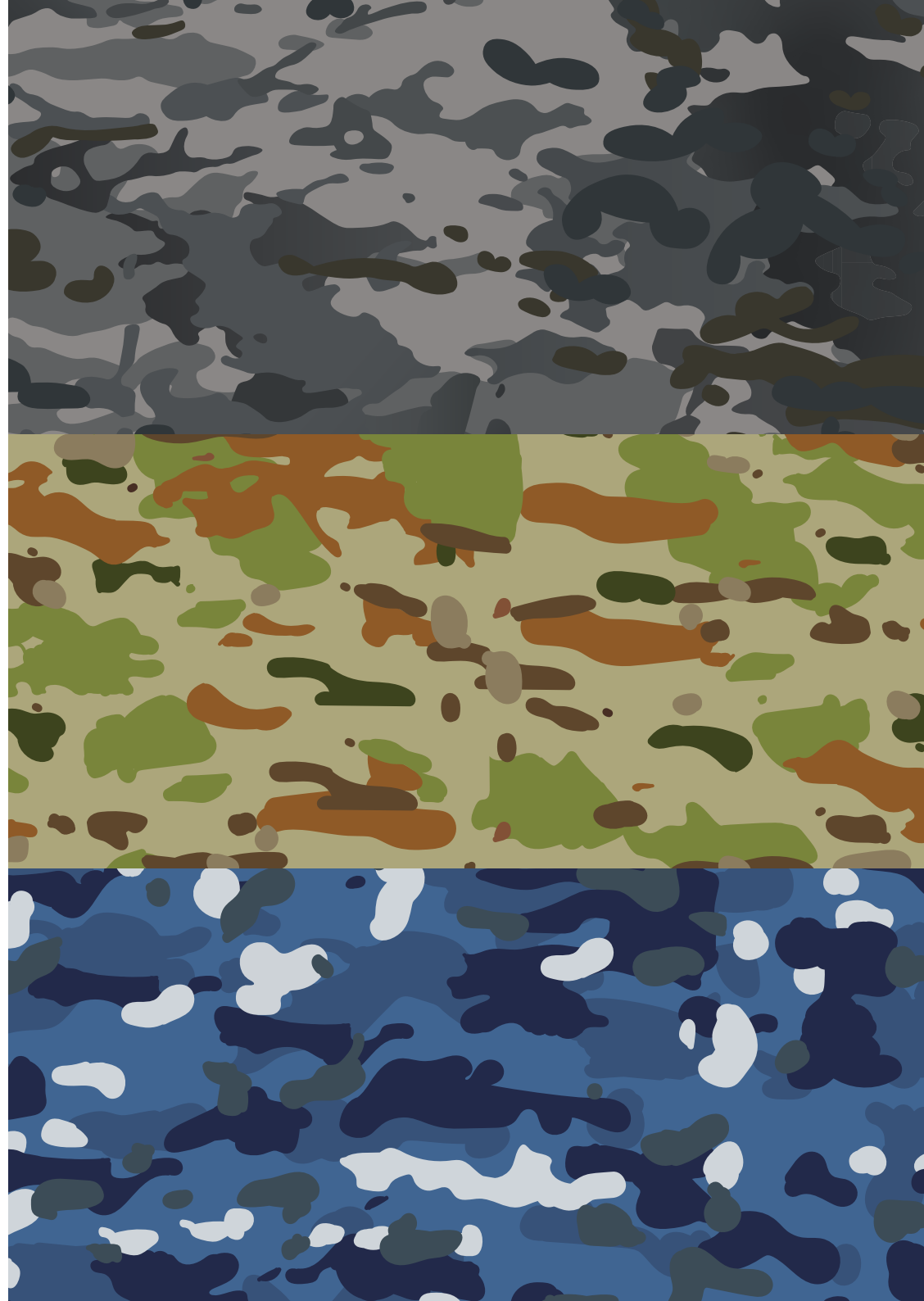
 ADF Careers

 @ADFCareers

CONNECT WITH ADFA

 Australian Defence Force Academy

 ADFAcademy



CALL 13 19 01 OR VISIT

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

