

Year 10 Mini Guide

Undergraduate
courses 2021



Murdoch
UNIVERSITY



Free your think

Why choose Murdoch?



Ask anyone who's studied here,
the Murdoch experience is
one of a kind!





We're different, and we're proud of it.

At Murdoch you'll find people from all walks of life. You'll find students, educators, supporters. You'll find a friendly face at the coffee shop and a lecturer who wants to hear your ideas.

You can make the most of our extensive range of courses, hands-on learning and facilities to get the skills you need to take on the world. But the most important thing you'll learn here? How to think for yourself.

We don't follow the crowd, and neither do our students. Thousands of free-thinking students have graduated from Murdoch and taken their creativity out into the world. When you're thinking for yourself, there's no limit to what you might achieve.

Free thinking has always been at the heart of Murdoch, and continues to steer us towards activities that truly matter. We look forward to welcoming you into our community.



GLOBAL TOP 100

Ranked in the TOP 100 universities
in the world under 50 years of age

TIMES HIGHER EDUCATION,
YOUNG UNIVERSITY RANKINGS 2020



IN THE TOP 20%

of universities in Australia
for teaching quality

GOOD UNIVERSITIES GUIDE 2020



5 STAR RATING

for student support

GOOD UNIVERSITIES GUIDE 2020



What do you want to be?



When you're in primary school, the answer to the question "What do you want to be when you grow up?" doesn't seem like a hard one. But as you head into your senior years of high school, the question may get trickier to answer.



“ Coming from a non-science background, Murdoch gave me a chance to pursue my dream to study Engineering. I started studying International Aid and Development to discover where help was most needed. The skills engineering is teaching me now will allow me to develop designs improving waste and water management in developing countries and Australia. ”

JULIETTE KUIPER

Studying a Bachelor of Engineering with a major in Environmental Engineering and a minor in International Aid and Development

Choosing what to study

Whether you're someone who has always known what you've wanted to do, or you're more of a 'go with the flow' type of decision-maker, choosing what to study at university is one of the first big decisions you'll make towards your future career. In the world of rapid technological advancement, it can be hard to even know how jobs will change or evolve by the time you start working. But at Murdoch, you can be sure that you'll be prepared for this rapidly changing working world as we help you to develop a wide range of practical and transferable skills, including critical and creative thinking, communication, research and problem solving skills.

**If you're unsure about what you want to do, that's okay!
Here's a few things for you to think about.**



Figure out what you like, and what you don't.

We all learn best when we're studying something we enjoy. So when it comes to choosing your university course, you should base your decision on exactly that. Make a list of the things you love, have a passion for or are just really good at. You may have a subject at school that you really like or perhaps there's something you do in your free time that you could study at university and turn into a career.

Do your research.

Have a look at university websites and brochures to explore the courses and careers you may be interested in, or experience universities for yourself by attending open days and information evenings. At Murdoch, we hold numerous information evenings (events that give high school students a taste of what it's like to study at university) and have an annual open day.

Find out more and register at murdoch.edu.au/events

Consider the type of job you can see yourself working in.

Are you better at working with people or by yourself? Do you thrive in an indoor environment or prefer to be outside amongst nature? Do you like the idea of travelling for work? Ask yourself these questions and even get a taste for different work environments by completing work experience while you're still in high school.



Talk to people.

Find out as much as you can about different subjects, courses and careers by talking to your career adviser and teachers at your high school, your family and friends, and even people in jobs that you think you might enjoy.

Explore more than one area.

Whether you're researching university courses or are just trying to figure out what you'd like to study, don't limit yourself to one area.

At Murdoch you can study a combined degree or double major, meaning you can study two completely different or complimentary areas. You could study a course that will give you the qualification needed for your future career alongside something you find really interesting. For example, you may want to be a lawyer so you study a Law degree, but you may also have a passion for theatre – at Murdoch you can study both!

Remember, it's okay to change your mind.

Try to remain flexible in the way you think about your future, because you might just change your mind! Research shows Australian professionals change their career path an average of five to seven times. If you find that the course you chose isn't really for you, or you discover something different you'd like to study instead, that's okay. Even once you've started at uni, there's still the flexibility to change.



“ I like everything about studying at Murdoch. From the people, to the campus, to the people again! In chiro especially, I've got a little family. The year cohorts are really close, there's about 90 of us and we all know each other, we hang out and do social things outside of uni all the time. ”

BEN LEWIS

Studying a Bachelor of Science and Bachelor of Clinical Chiropractic



What kind of **thinker** are you?

Perhaps you're a creative thinker with a passion for design, or maybe you're more mathematically minded and want to pursue a career in Engineering. You might really enjoy coding and using devices, and wonder about the future possibilities of artificial intelligence. Maybe you enjoy learning about history, languages and culture, or you just know that a career helping others in a health-related field is for you. No matter what kind of thinker you are, you'll find a course within one of our eight study areas that's right for you.

I like to...

plan, lead people, make a difference, be challenged, and work with data like numbers or money



Explore our courses in

Business and Law

SEE PAGE 12 FOR COURSES

Possible careers: business owner, consultant, accountant, recruiter, project manager, market researcher, entrepreneur, marketer, lawyer, judge, politician, criminologist



I like to...

work creatively, write, entertain others, communicate, draw and design things



Explore our courses in

Creative Arts and Communication

SEE PAGE 13 FOR COURSES

Possible careers: performer, animator, director, filmmaker, designer, visual artist, journalist, photographer, radio host or podcaster, sound engineer, content producer, writer, public relations officer, TV news producer

I like to...

solve and explain complex problems, code, use devices, create games and build or invent things



Explore our courses in

Engineering or Technology

SEE PAGES 13 AND 17 FOR COURSES

Possible careers: engineer, consultant, computer scientist, software engineer, developer, IT specialist, AI programmer, game designer, team manager, project manager, researcher, product developer



I like to...

help and care for others, keep active and explore how the mind and body works



Explore our courses in

Health

SEE PAGE 14 FOR COURSES

Possible careers: nurse, chiropractor, psychologist, exercise physiologist, sports scientist, sports coach, social worker, medical researcher, team manager, international aid worker



I like to...

research, explore the environment, work with animals and make scientific discoveries



Explore our courses in

Science

SEE PAGE 15 FOR COURSES

Possible careers: scientist, researcher, lab technician, biotechnologist, vet, farm manager, nutritionist, quarantine officer, physicist, biologist, environmental manager, mathematician, geneticist, forensic investigator

I like to...

research, question things, travel
and learn about the world



Explore our courses in

Social and Cultural Studies

SEE PAGE 16 FOR COURSES

Possible careers: sociologist, international
advisor, politician, interpreter, translator,
event manager, community developer,
social worker, youth worker, tour guide



I like to...

work with people of all ages,
share my love of learning and
explain things to others



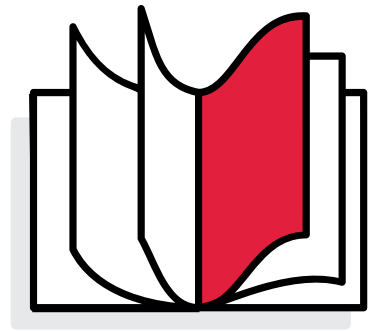
Explore our courses in

Teaching

SEE PAGE 16 FOR COURSES

Possible careers: teacher, education
manager, principal, academic

What courses can I study?



Before you start exploring our wide range of courses, it's time to get your head around some **uni lingo**.

The first degree you will study at university is an undergraduate degree, also known as a **bachelor's degree**.

For most undergraduate degrees at Murdoch, you will **choose one or two majors** to study. Majors form the bulk of what you'll learn and will be your area of expertise. For example, you might study a Bachelor of Business with majors in Accounting and Finance. You could also study a combined degree, which means you would study two different degrees at the same time, allowing you to graduate with two specialisations. An example of this could be a Bachelor of Laws with a Bachelor of Criminology.

Here's a few more terms to get your head around:

ATAR: Also known as an Australian Tertiary Admission Rank, your ATAR is a number between 0 and 99.95 – a rank which tells you how you've gone compared to other Year 12 students in the state. For example, if you achieve an ATAR of 70, it indicates that you've achieved as well as or better than 70% of the Year 12 school leaver age population in the state.

Enabling course: Also known as a bridging course, an enabling course can help you meet the admission requirements for an undergraduate degree by helping you build the skills needed for success in further study.

Prerequisite subjects: Subjects you need to complete in Year 12 before you can study at university. Unlike most universities, at Murdoch we do not have prerequisite subjects, only recommended subjects. We understand that students do not always make up their minds about the career they would like until much later than Year 10, so we offer introductory units in Chemistry, Mathematics and Physics for students who have not studied, or who have not performed well in these courses at Year 12 level.

Recommended ATAR subjects: Subjects that we recommend you study in high school that will assist you with your degree, but aren't required to gain admission to university. For example, a strong mathematical or chemistry background is an advantage in any science-based university course, however, this is purely a recommendation and does not affect entry.

Selection Rank: A ranking system, used to assess your admission score. Your selection rank can include your ATAR plus any adjustments you may be eligible for, such as Murdoch RISE (see page 20).

STAT: The Special Tertiary Admissions Test (STAT) is a national test and is used to assess competencies generally considered important for successful tertiary study. It provides an avenue of entry for people who don't have the formal entry requirements, or high school graduates who do not pass ATAR English.

Why choose Murdoch?



5 STAR RATING

for overall experience, student support, teaching quality and median graduate starting salary for engineering and technology

GOOD UNIVERSITIES GUIDE 2020



HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for median graduate starting salary for education and training

GOOD UNIVERSITIES GUIDE 2020



The only university in Australia to offer
CRIME SCIENCE AND WHITE COLLAR AND CORPORATE CRIME



LEARN FROM THE EXPERTS
Learn from lecturers who have worked for some of the world's biggest companies, including Walt Disney Animation, Pixar and Interzone Games



HIGHEST RATED UNIVERSITY IN WESTERN AUSTRALIA

for student support for nursing and for teaching quality for health services and support

GOOD UNIVERSITIES GUIDE 2020



5 STAR RATING

for median graduate starting salary for languages and humanities and social sciences

GOOD UNIVERSITIES GUIDE 2020

Business and Law

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Business						
Accounting	3	70	MUBUS	B1367	079326C	Mathematics Applications
Banking	3	70	MUBUS	B1367	079326C	Mathematics Applications
Business Law	3	70	MUBBL	B1367	079326C	N/A
Entrepreneurship and Innovation**	3	70	MUBUS	B1367	N/A	N/A
Finance	3	70	MUBUS	B1367	079326C	Mathematics Applications
Hospitality and Tourism Management	3	70	MUBUS	B1367	079326C	Mathematics Applications
Human Resources Management	3	70	MUBUS	B1367	079326C	N/A
International Business	3	70	MUBUS	B1367	079326C	N/A
Management	3	70	MUBUS	B1367	079326C	N/A
Marketing	3	70	MUBUS	B1367	079326C	N/A
Bachelor of Commerce						
Accounting	3	70	MUCMC	B1359	096879F	Mathematics Applications
Banking	3	70	MUCMC	B1359	096879F	Mathematics Applications
Business Law	3	70	MUCMC	B1359	096879F	N/A
Entrepreneurship and Innovation**	3	70	MUCMC	B1359	N/A	N/A
Finance	3	70	MUCMC	B1359	096879F	Mathematics Applications
Global Business and Politics	3	70	MUCMC	B1359	096879F	N/A
Hospitality and Tourism Management	3	70	MUCMC	B1359	096879F	Mathematics Applications
Human Resources Management	3	70	MUCMC	B1359	096879F	N/A
International Business	3	70	MUCMC	B1359	096879F	N/A
Management	3	70	MUCMC	B1359	096879F	N/A
Marketing	3	70	MUCMC	B1359	096879F	N/A
Bachelor of Criminology						
Crime Science	3	70	MUCCS	B1345	095504A	N/A
Criminal Behaviour	3	70	MUCCB	B1345	095504A	N/A
Legal Studies	3	70	MUCLS	B1345	095504A	N/A
White Collar and Corporate Crime	3	70	MUCWC	B1345	095504A	N/A
Bachelor of Information Technology and Business	3	70	MUITB	B1375	0101414	N/A
Bachelor of Laws	4	90	MULAW	B1321	006942E	N/A
Combined degrees						
Bachelor of Commerce/Bachelor of Entrepreneurship and Innovation	4	70	MUCEI	B1364	097993G	See your chosen major/s for recommended subjects
Bachelor of Criminology/Bachelor of Arts (Psychology)	4	70	MUCAP	B1347	095507J	
Bachelor of Criminology/Bachelor of Communication	4	70	MUCBC	B1362	096886G	
Bachelor of Criminology/Bachelor of Global Security	4	70	MUCGS	B1366	097992G	
Bachelor of Criminology/Bachelor of Science (Forensic Biology and Toxicology)	4	70	MUCBS	B1360	096885G	
Bachelor of Engineering (Honours)/Bachelor of Entrepreneurship and Innovation	5	80	MUEEI	H1282	N/A	
Bachelor of Engineering (Honours)/Bachelor of Commerce	5	80	MUECM	H1281	N/A	
Bachelor of Laws/Bachelor of Arts	5	90	MULBA	B1370	008281K	
Bachelor of Laws/Bachelor of Arts (Psychology)	5	90	MULAP	B1354	096882M	
Bachelor of Laws/Bachelor of Business	5	90	MULBB	B1369	084237F	
Bachelor of Laws/Bachelor of Commerce	5	90	MULBC	B1371	099497G	
Bachelor of Science (Agricultural Sciences)/Bachelor of Commerce	4	70	MUCSC	B1377	N/A	

*Minimum Selection Rank required for consideration, **Subject to approval for 2021, SL = School Leaver P = Perth campus M = Mandurah campus

Business and Law (continued)

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Laws/Bachelor of Communication	5	90	MULCM	B1353	096884J	See your chosen major/s for recommended subjects
Bachelor of Laws/Bachelor of Criminology	5	90	MULCR	B1346	095505M	
Bachelor of Laws/Bachelor of Global Security	5	90	MULGS	B1365	097991J	
Bachelor of Laws/Bachelor of Science	5	90	MULBS	B1324	010222C	
Bachelor of Laws/Bachelor of Science (Psychology)	5	90	MULSP	B1355	096883K	

Creative Arts and Communication

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Arts						
English and Creative Writing	3	70	MUAEC	B1356	001572M	N/A
Theatre and Drama	3	70	MUATD	B1356	001572M	N/A
Bachelor of Creative Media						
Games Art and Design	3	70	MUCME	B1343	095510C	Visual Arts
Graphic Design	3	70	MUCME	B1343	095510C	Visual Arts
Photography	3	70	MUCME	B1343	095510C	N/A
Screen Production	3	70	MUCME	B1343	095510C	N/A
Sound	3	70	MUCME	B1343	095510C	N/A
Bachelor of Communication						
Global Media and Communication	3	70	MUCOM	B1342	095508G	N/A
Journalism	3	70	MUCOM	B1342	095508G	N/A
Strategic Communication	3	70	MUCOM	B1342	095508G	N/A
Web Communication**	3	70	MUCOM	B1342	N/A	N/A
Bachelor of Digital Media and Communication**	3	70	TBC	TBC	N/A	N/A
Combined degrees						
Bachelor of Creative Media/Bachelor of Communication	4	70	MUCCM	B1344	095512A	See your chosen major/s for recommended subjects
Bachelor of Criminology/Bachelor of Communication	4	70	MUCBC	B1362	096886G	
Bachelor of Laws/Bachelor of Arts	5	90	MULBA	B1370	008281K	
Bachelor of Laws/Bachelor of Communication	5	90	MULCM	B1353	096884J	

Engineering

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Engineering						
Electrical Power Engineering (Honours)	4	80	MUENG	H1264	030196A	Mathematics Specialist, Physics
Industrial Computer Systems Engineering (Honours)	4	80	MUENG	H1264	030196A	Mathematics Specialist, Physics
Instrumentation and Control Engineering (Honours)	4	80	MUENG	H1264	030196A	Mathematics Specialist, Physics
Renewable Energy Engineering (Honours)	4	80	MUENG	H1264	030196A	Mathematics Specialist, Physics
Bachelor of Engineering Technology	3	70	MUSET	B1387	0101673	Mathematics Specialist, Physics

Engineering (continued)

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Combined degrees						
Bachelor of Engineering (Honours)/Bachelor of Commerce	5	80	MUECM	H1281	N/A	See your chosen major/s for recommended subjects
Bachelor of Engineering (Honours)/Bachelor of Entrepreneurship and Innovation	5	80	MUEEI	H1282	N/A	
Integrated degrees						
Bachelor of Engineering Technology/Master of Engineering (Chemical and Metallurgical Engineering)**	5	80	TBC	TBC	N/A	Mathematics Specialist
Bachelor of Engineering Technology/Master of Engineering (Environmental Engineering)**	5	80	TBC	TBC	N/A	Mathematics Specialist

Health

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Arts						
Psychology	3	70	MUAPC	B1388	072172F	N/A
Bachelor of Community Services**	3	70	TBC	TBC	N/A	N/A
Bachelor of Food Science and Nutrition	3	70	MUFSN	B1389	0101649	N/A
Bachelor of Laboratory Medicine	4	70	MUSLA	B1374	0101823	Biology or Human Biology, Chemistry, Mathematics Applications
Bachelor of Nursing	3	70	MUNUR (SL,P) MPNUR (SL,M)	B1373	050228K	Chemistry, Human Biology, Mathematics Applications
Bachelor of Science						
Psychology	3	70	MUSPS	B1339	091972E	N/A
Bachelor of Science (Medical, Molecular and Forensic Sciences)						
Biomedical Science	3	70	MUSBM	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Methods, Physics
Clinical Laboratory Science	3	70	MUSCL	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Applications
Forensic Biology and Toxicology	3	70	MUSFB	B1380	0101675	Chemistry, Mathematics Applications
Genetics and Molecular Biology	3	70	MUSMB	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Applications
Bachelor of Sport and Exercise Science	3	70	MUSSC	B1348	095513M	Human Biology, Physical Education Studies
Combined degrees						
Bachelor of Criminology/Bachelor of Arts (Psychology)	4	70	MUCAP	B1347	095507J	See your chosen major/s for recommended subjects
Bachelor of Laws/Bachelor of Arts (Psychology)	5	90	MULAP	B1354	096882M	
Bachelor of Laws/Bachelor of Science	5	90	MULBS	B1324	010222C	
Bachelor of Laws/Bachelor of Science (Psychology)	5	90	MULSP	B1355	096883K	
Bachelor of Science (Chiropractic Science)/Bachelor of Clinical Chiropractic	5	70	MUSCP	B1331	083417K	
Bachelor of Sport and Exercise Science/Bachelor of Science (Psychology)	4	70	MUSSP	B1352	096789G	
Integrated degrees						
Bachelor of Sport and Exercise Science/Graduate Diploma in Clinical Exercise Physiology	4	70	MUSXP	B1349	N/A	See your chosen major/s for recommended subjects

Science

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Data Analytics and Applied Mathematics**	3	70	TBC	TBC	N/A	Mathematics Specialist
Bachelor of Food Science and Nutrition	3	70	MUFSN	B1389	0101649	N/A
Bachelor of Laboratory Medicine	4	70	MUSLA	B1374	0101823	Biology or Human Biology, Chemistry, Mathematics Applications
Bachelor of Science						
Biological Sciences	3	70	MUSBS	B1317	002977D	Chemistry, Mathematics Applications
Chemistry	3	70	MUSCH	B1317	002977D	Chemistry, Mathematics Methods, Physics
Conservation and Wildlife Biology	3	70	MUSCW	B1317	079334C	Chemistry, Mathematics Applications
Environmental Management and Sustainability	3	70	MUSEM	B1317	079334C	Chemistry, Mathematics Applications
Environmental Science	3	70	MUSES	B1317	079334C	Chemistry, Mathematics Applications
Marine Biology	3	70	MUSBI	B1317	079334C	Chemistry, Mathematics Applications
Marine Science	3	70	MUSMS	B1317	002977D	Chemistry, Mathematics Applications
Physics and Nanotechnology	3	70	MUSPN	B1317	002977D	Mathematics Specialist, Physics
Bachelor of Science (Agricultural Sciences)						
Animal Health	3	70	MUSAH	B1376	085582C	Biology, Chemistry, Mathematics Methods
Animal Science	3	70	MUSAS	B1376	079345M	Biology, Chemistry, Mathematics Methods
Crop and Pasture Science	3	70	MUSPC	B1376	087701G	Chemistry, Mathematics Applications
Bachelor of Science (Medical, Molecular and Forensic Sciences)						
Biomedical Science	3	70	MUSBM	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Methods, Physics
Clinical Laboratory Science	3	70	MUSCL	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Applications
Forensic Biology and Toxicology	3	70	MUSFB	B1380	0101675	Chemistry, Mathematics Applications
Genetics and Molecular Biology	3	70	MUSMB	B1380	0101675	Biology or Human Biology, Chemistry, Mathematics Applications
Combined degrees						
Bachelor of Criminology/Bachelor of Science (Forensic Biology and Toxicology)	4	70	MUCBS	B1360	096885G	See your chosen major/s for recommended subjects
Bachelor of Laws/Bachelor of Science	5	90	MULBS	B1324	010222C	
Bachelor of Science (Agricultural Sciences)/Bachelor of Commerce	4	70	MUCSC	B1377	N/A	
Integrated degrees						
Bachelor of Science (Veterinary Biology)/Doctor of Veterinary Medicine	5	98**	MUSVB (SL) MUSVV (NSL)	B1330	083416M	Biology, Chemistry, Mathematics Methods, Physics

→ To find out more about any of the courses listed in this table, visit murdoch.edu.au/courses

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Social and Cultural Studies

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Arts						
Community Development	3	70	MUACD	B1356	079364G	N/A
English and Creative Writing	3	70	MUAEC	B1356	001572M	N/A
Global Challenges**	3	70	TBC	TBC	N/A	N/A
Global Politics and Policy	3	70	MUAPI	B1356	079364G	N/A
History	3	70	MUAHI	B1356	079364G	N/A
International Aid and Development	3	70	MUAAD	B1356	079364G	N/A
Japanese	3	70	MUAJS	B1356	079364G	N/A
Philosophy	3	70	MUAPH	B1356	079364G	N/A
Psychology	3	70	MUAPC	B1388	072172F	N/A
Sociology	3	70	MUASO	B1356	079364G	N/A
Sustainable Development	3	70	MUASU	B1356	079364G	N/A
Theatre and Drama	3	70	MUATD	B1356	001572M	N/A
Tourism and Events	3	70	MUATE	B1356	079340E	N/A
Bachelor of Global Security						
Terrorism and Counterterrorism Studies	3	70	MUGSA	B1363	097990K	N/A
Combined degrees						
Bachelor of Criminology/Bachelor of Global Security	4	70	MUCGS	B1366	097992G	See your chosen major/s for recommended subjects
Bachelor of Laws/Bachelor of Arts	5	90	MULBA	B1370	008281K	
Bachelor of Laws/Bachelor of Global Security	5	90	MULGS	B1365	097991J	

Teaching

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Education (Primary, 1-10 Health and Physical Education)	4	70	MUEHP	B1319	071543C	N/A
Bachelor of Education (Early Childhood and Primary Teaching)	4	70	MUECP	B1383	0101766	N/A
Bachelor of Education (Primary Teaching)	4	70	MUEPT	B1382	0101765	N/A
Bachelor of Education (Secondary Teaching)						
Advanced Mathematics	4	70	MUEAM	B1368	098365E	N/A
Biology and Environmental Science	4	70	MUEBE	B1368	098365E	N/A
Biology and Human Biology	4	70	MUEBH	B1368	098365E	N/A
Chemistry	4	70	MUECH	B1368	098365E	N/A
Earth and Environmental Science	4	70	MUEEE	B1368	098365E	N/A
English	4	70	MUEEN	B1368	098365E	N/A
Geography and Economics	4	70	MUEGE	B1368	098365E	N/A
Health and Physical Education	4	70	MUEPE	B1368	098365E	N/A
History (HASS)	4	70	MUEHI	B1368	098365E	N/A
Mathematics	4	70	MUEMT	B1368	098365E	N/A
Physics	4	70	MUEPS	B1368	098365E	N/A
Politics (HASS)	4	70	MUEPL	B1368	098365E	N/A

*Minimum Selection Rank required for consideration, **Subject to approval for 2021, SL = School Leaver P = Perth campus M = Mandurah campus

Technology

	DURATION (YEARS)	SELECTION RANK*	TISC CODE	COURSE CODE	CRICOS CODE	RECOMMENDED ATAR SUBJECTS
Bachelor of Engineering Technology	3	70	MUSET	B1367	0101673	Mathematics Specialist, Physics
Bachelor of Information Technology**						
Artificial Intelligence and Automation**	3	70	TBC	TBC	N/A	Mathematics Methods or Mathematics Applications
Business Information Systems	3	70	MUSIS	B1317	040026C	Mathematics Applications
Computer Science	3	70	MUSCS	B1317	040026C	Mathematics Applications
Cyber Security and Forensics	3	70	MUSIF	B1317	040026C	Mathematics Applications
Games Technology	3	70	MUSIT	B1317	040026C	Mathematics Applications
Internetworking and Network Security	3	70	MUSIW	B1317	040026C	Mathematics Applications
Physics and Nanotechnology	3	70	MUSPN	B1317	002977D	Mathematics Specialist, Physics
Bachelor of Information Technology and Business	3	70	MUITB	B1375	0101414	N/A
Combined degrees						
Bachelor of Laws/Bachelor of Science	5	90	MULBS	B1324	010222C	See your chosen major/s for recommended subjects

→ To find out more about any of the courses listed in this table, visit murdoch.edu.au/courses



What's life like as a **uni student?**



Do you want to experience life as a Murdoch University student?

Then register for our 'A Day in the Life of a University Student' event held in April and September!

Perfect for high school students, you'll be able to create your own customised university timetable with hands-on workshops in subject areas that interest you. You'll also be able to speak with current Murdoch students, learn from our talented and inspiring academics and make new friends.

Find out more at murdoch.edu.au/events

University is a completely new life experience – and completely different to studying at high school. From choosing what to study, to setting your own timetable and being free to come and go from campus as you please. You'll meet new friends, learn a lot of new things, join clubs and societies, and take part in uni events.

Here are a few of the main differences between uni and high school:

You are responsible for your own time

At university, it's up to you to ensure you attend classes and get the required work completed. You'll be responsible for how much and what you study and will need to learn to manage and prioritise your work. You'll also need to keep up to date with your readings and prepare for your classes, without anyone prompting you.

Your contact hours will be less

Your contact hours will be fewer than what you experience at high school. However, the hours you dedicate to independent study will be greater, as you're expected to do more work in your own time. At the start of each semester, you'll enrol in your units and create your timetable, so you can arrange your schedule to suit you.

Your learning environment will be different

You will attend lectures and tutorials and possibly other types of classes, like workshops or labs, depending on what you're studying. Lectures are normally held in a lecture theatre, with one lecturer and a large number of students (especially in your first year). Tutorials are normally held in a classroom, with one tutor and a smaller group of students. In a lecture, you'll listen and take notes, while in a tutorial you'll explore and discuss lecture topics further.

You'll experience the real world

We won't tell you what to think or how to learn – instead we'll give you opportunities to experience the workforce as part of your degree. Our Work Integrated Learning program gives you the chance to gain valuable experience through work placements or simulations. Our campus facilities are another way we'll help you gain skills and experience that employers are looking for – from using our farm, wetlands and veterinary hospital to our nursing wards and exercise science labs.



“I had a fairly normal high school experience. There were definite ups and downs along the way. I struggled in any sort of mathematics or science areas, which is where I wanted to achieve the most. I was battling against unsupportive teachers, mental health concerns that I didn't know how to deal with, and some incredibly high expectations that I put on myself to achieve.

All this pressure caused me to crumble in the end, and I ended up failing – or close to failing – most of my ATAR subjects. University, compared to high school, is just a whole different experience for me. The freedom and control to pursue my interests at my own pace has been incredibly rewarding so far. ”

MEG ATCHESON

Studying a Bachelor of Science with majors in Computer Science and Games Technology

How do I **apply** for university?



If you apply for university when you finish high school, you will apply through the Tertiary Institutions Service Centre, more commonly known as TISC. Applications open in August and close at the end of September.

What entry requirements will I need to meet to study at Murdoch?

To gain admission into a course at Murdoch, you will need a Western Australian Certificate of Education (WACE), an ATAR or selection rank of 70 or higher (depending on your chosen course) and you will need to meet our English language competency (ELC) requirements.

There are multiple ways to demonstrate your ELC and achieve a selection rank of 70.

Demonstrating English language competency (ELC)

Many high school graduates demonstrate their ELC by getting a scaled score of 50 or higher in an ATAR English subject, but for those who don't, sitting the written English component of the Special Tertiary Admissions Test (STAT) and scoring 140 or higher will meet our ELC.

Achieving a selection rank

A selection rank of 70 can be achieved by your ATAR, or by scoring 24+ in the International Baccalaureate (IB), completing an accredited Certificate IV or higher or by using a portfolio.

What's the difference between an ATAR and selection rank?

Your ATAR, or Australian Tertiary Admission Rank, is a number between 0 and 99.95 – a rank which tells you how you've gone compared to other Year 12 students in the state.

Your selection rank is your ATAR plus any adjustments made by a university. Adjustments are used to increase your selection rank due to factors like your performance in Year 12 subjects, the location of your high school or your eligibility for educational access schemes. Selection rank adjustments don't change your ATAR – they change your selection rank for entry into a particular course.

Will you be eligible for Murdoch RISE?

Murdoch RISE is a selection rank adjustment aimed at supporting access to university for students from regional, low socio-economic, or Aboriginal or Torres Strait Islander backgrounds. It can help you get into your preferred course by increasing your Murdoch selection rank by 10 points, up to a maximum of 90.

What do I do if I don't meet the entry requirements to study at Murdoch?

If you don't meet the entry requirements that's okay - we offer a range of pathways to study at Murdoch. For example, you could study an enabling pathway course, such as OnTrack, and develop the skills you need to study at university level.

To see all your options, visit murdoch.edu.au/admissionpathways



“ Murdoch offered a different approach to university, with flexible learning options and degrees that explore the world through different lenses. It also provides ample opportunities to participate in real-world-learning. This ensures that when people graduate they are work ready, employable and fully understand the sector that they are entering into. ”

IMARA SABURI MANDRED

Studying a Bachelor of Arts with a major in
International Aid and Development



We've
graduated
thousands of
free-thinking
students.

"The only education out of which good can come is the education which teaches you to think for yourself instead of swallowing whatever the fashion of the moment may prescribe."

- SIR WALTER MURDOCH, OUR FOUNDING FATHER AND ORIGINAL FREE THINKER, 1926.



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