

Murdoch College welcomes
secondary school students into
a contemporary, progressive
and nurturing environment.

Welcome to Murdoch College

Proud of it's approach to modern education, Murdoch is a safe and stimulating school that gives students the ideal preparation for university anywhere in Australia, and success anywhere in the world.

The Murdoch College community welcomes you to a unique secondary school of which the teachers, student and parents are justifiably proud; and where students enjoy learning in one of Australia's safest and most beautiful cities.

Our co-educational college provides for students from years 7 to 12 and features a Middle School and Senior School structure with best practice teaching and learning principles for young people thereby creating an environment that encourages all students to reach their full potential. Murdoch College connects students to university education and to successful careers.

Murdoch College has a reputation for academic excellence and innovation. Located on the grounds of Murdoch University, our staff and students enjoy easy access to university facilities and infrastructure, exposing them to university life - the next logical step in their educational progression.

Our student body includes learners from a diverse collection of nations, who come here to study in a stimulating school environment. With its highly skilled academic staff, a tightly knit college community and programs to meet the individual needs of students, it stands amongst the most well equipped education facilities.

MURDOCH COLLEGE WELCOMES
STUDENTS FROM AUSTRALIA AND
AROUND THE WORLD TO STUDY IN
A UNIQUE SECONDARY SCHOOL OF
WHICH TEACHERS, STUDENTS AND
PARENTS ARE JUSTIFIABLY PROUD.

What Makes Murdoch Better?

Murdoch College is a modern educational facility committed to progressive programs and teaching methods. Our innovations include:

- A Teacher-Adviser Group (TAG) system that links every student with a particular teacher who becomes a mentor, advocate and friend to students and parents for the duration of their stay in Murdoch College.
- Dynamic partnerships between parents and teaching staff give students support and encouragement.
- A Middle School that recognises the importance of nurturing confidence in early adolescence.
- A Learning Enrichment Activities Program (LEAP) to accommodate individual differences via student-centred learning.
- Direct links with Murdoch University providing outstanding opportunities that extend students' intellectual horizons.
- Advanced information technology gives students vital learning tools and provides a superior information system for communication and reporting.
- A personal development program dedicated to the intellectual, social and emotional development of all students.

A priority for us is to link every student with a teacher who becomes a mentor, advocate and friend while partnerships between parents and teachers give students constant support and encouragement.

Student Testimonials

Perth is a healthy, active city dotted with colleges and universities and home to a large population of students from all over the world who have already chosen the city to live, study and succeed.



Cormack

Cormack says that Murdoch College provides him with 'great opportunities in wonderful facilities that give him the opportunity to extend and challenge himself'. As a member of the Drama Club, Cormack takes the part of the Sergeant in the upcoming production of 'Wyrld Sisters'. He intends to study Marine Biology when he leaves school.

Cormack was the 2009 recipient of the Vice Chancellor's Scholarship in 2009 (Year 7) and is currently in Year 9. He previously studied at Queen of Apostles Primary School in Riverton.

Isabelle

Isabel loves the atmosphere of Murdoch College because everyone makes an effort to know, and get along with, each other. She is a member of the Choir, the Basketball and Touch Rugby clubs; and participates in other school activities and competitions. This year she is the leading lady in the College's drama production.

Isabel came from Kingsley Primary school to Murdoch College in Year 7; and is currently in Year 10.

Raife

"It's a great feeling being around the campus, it makes me feel mature and independent. The teachers are helpful, fun, knowledgeable and most importantly they understand me. I love Perth and the freedom of beaches with fantastic surf."

Raife started Year 7 in 2010 at 10 years old. He is on the Principal's Honour Roll for regular high academic achievement and represents the state in swimming.

Jamie-Lee

"I wanted to learn English and meet overseas and Australian people. I have loved my Homestay family because it gives me a chance to get to know other International students better."

Jamie-Lee completed 3 terms of PSS and one term of pre-Year 11 before commencing Year 11 studies in 2011.

Lotte

Lotte, who is aiming to study Medicine next year, likes Murdoch College because the teachers treat their students with respect and give up their free time to help them. Lotte says the best thing about Murdoch College is that you can just be yourself.

Lotte came to Murdoch College from Frederick Irwin Anglican School in 2009 when she was in Year 10.

Christian

Christian likes the friendly atmosphere of Murdoch College where everyone knows each other; and if any problems occur they are sorted out at once. He also likes that the teachers know his personal interests and will contact him directly with information he may find useful. Christian plans to study Audio Production at Murdoch University and will complete some of his degree units whilst still studying at Murdoch College. Christian is heavily involved in Music, Drama and Sound production; and makes a significant contribution to our College events in these areas.

Christian is currently in Year 11 having joined Murdoch College in Year 7 from Booragoon Primary School.

Jamie

"The College has made me a more outgoing person and helped me understand the need to step out of our comfort zones at times. The teachers are patient and knowledgeable and also very willing to assist students in their studies."

Jamie came to Murdoch College from Singapore's Chung Cheng High School.

Samantha

"Murdoch College has the structure of a tight knit and supportive community. All the staff have been outstandingly supportive and willing to take time off their own schedules to help me and other students. Access to the University has also been a welcomed privilege."

Samantha completed Year 12 in 2010 and is currently studying at Cambridge University, United Kingdom.

Taking Care of Our Students

Airport Reception

Students arriving in Perth for the first time to attend Murdoch College will be met at the airport and taken to their place of accommodation – free of charge. This service ensures peace-of-mind for both students and their parents knowing that they will be welcomed and safe on first arrival.

Accommodation

We arrange homestay accommodation for our international and country Australian students. Every homestay host family meets, or exceeds, the high standards required to undertake this important role. Murdoch College ensures that all students living with a host family enjoy a safe, clean living environment, supplemented by a high level of personal support. Homestay families form strong links with Murdoch College staff and attend college functions on behalf of students' parents.

Orientation

Our comprehensive Orientation Program is designed to assist new students to settle more easily into their new living and study environments. They are introduced to college staff and to other students and have the academic requirements explained to them. Also, they are given assistance, where required, with a number of other practical matters such as opening an Australian bank account, learning about public transport systems, making subject selections, purchasing uniforms and textbooks, and getting their study timetables.

Teacher Adviser Group (TAG)

Our TAG system means that every student has one personal Adviser for the duration of their stay in Murdoch College to guide and assist them through their individual learning program; and to provide an essential link between the student, their parent(s), their homestay hosts (if applicable) and members of the college staff.

Student Health Facilities

A full time Health Officer is on campus during school hours to deal with minor illness or injury and a full-time Nurse is on duty at Murdoch University Medical Centre. A local medical practice provides professional medical services from male and female doctors. Assistance with registration of medical insurance is provided on arrival in Perth.

Murdoch College Online

This technology enables immediate and direct communication between all members of the college community, who can use it to generate reports, monitor student progress, access coursework, refer to set homework, and submit assignments, from any place that is convenient and is connected.

Academic Progress Reports

Full academic reports are issued to students and parents at the end of each semester. Interim reports at the end of Terms 1 and 3 provide an on-going indication of student attendance, attitude, effort and academic progress.

College Uniform and Dress Code

Students in Years 7 to 11 are required to wear college uniform, whilst Year 12 students have the privilege of adhering only to a Dress Code. All items of the uniform and dress code are available from the Uniform Shop on campus. An initial outlay of approximately \$750 will cover both summer and winter uniform requirements.

Library and Resource Centre


The college's modern library and resource centre gives staff and students a high level of in-house support. This is supplemented by the extensive Murdoch University Library, which is open to Murdoch College staff and all Year 11 and Year 12 students, who have full borrowing rights. Qualified Librarians in each facility provide the guidance to ensure that all users are able to take full advantage of the resources available and to become confident in using other similar facilities.

Technology

Murdoch College prides itself on its provision of computing and multi-media technology. With an overall 1:1 student to computer ratio, dedicated Computing Laboratories, and computer-supported learning areas in the classrooms and Library, access to technology is more than adequate in the college. This is supplemented by access to Radio and Television Studios located within Murdoch University.

Cafeteria

Students can enjoy morning and lunch breaks in the College Cafeteria where a wide choice of excellent value hot meals and snack foods are served.



Our homestay families are carefully chosen to provide a happy and safe environment for students, where they are nurtured and supported every step of the way.

Murdoch College Academic Programs



Middle School: Years 7 – 9

The Middle School curriculum provides opportunities to consolidate previous learning and ensure a solid foundation for future learning at secondary level. The keystone of these programs is allowing for individual differences to be catered for. The focus is on the acquisition of a broad general education emphasising literacy and numeracy skills through the learning areas of:

- English
- Mathematics
- Science
- Studies of Society and Environment
- Information Technology
- Japanese Language (LOTE)
- Foods and Textiles
- Drama, Music and Visual Arts
- Physical/Health and Career Education

(Detailed information on each of the above subjects is available via Murdoch College Online)

Senior School: Years 10 – 12

Senior studies start with Year 10 where students continue with the broad-based compulsory curriculum of the Middle School, but where they start to develop personal preferences, interests and abilities in specific subjects. This year helps students to make their personal subject selections for Years 11 and 12 in preparation for tertiary studies. During their final two years, students are introduced to a lecture and tutorial mode of delivery in some subjects to aid their transition to university studies.

Subjects offered in Years 11 and 12 are shown in the following tables labelled LIST A and LIST B. To qualify for a WA Certificate of Education (WACE) students are required to take at least one subject from each of these lists, with a minimum of 20 modules over the two years. All modules at level 3 are subject to public examination and are recommended for university entry rankings.

For further details of these requirements, please refer to the following websites: www.tisc.wa.edu.au and www.curriculumcouncil.edu.au. For guidance purposes only, a table showing the ranking (ATAR) requirements for a number of Australian universities for entry in 2011 is given on page 13 of this prospectus. A special university entry program, available to international students only, is the Western Australian University.

International students who successfully complete the WAUPP can be confident of a place in an Australian university.

Preparation Program (WAUPP)

Students in this program are required to take English Language and Australian Cultural Studies (ELACS) which is equivalent to two standard subjects; and either three or four other subjects at Year 12 level, these are indicated by

an asterisk in the lists shown for WACE, although there is no requirement for students to choose from both lists. For details of the subjects offered in Year 12, please refer to our website or to Murdoch College Online.

LIST A

Business Management & Enterprise	1AB 2AB*
Career and Enterprise	1CD
Drama	2AB 3AB
Economics	1AB 2AB 3AB*
English	1CD 2AB 2CD 3AB
English Literature	2AB 3AB
English as an Additional Language Dialect	1CD 2AB 3AB
Japanese Second Language	2AB
Media Studies	1CD 2AB* 3AB
Modern History	2AB 3AB
Music	1AB
Political & Legal Studies	2AB 3AB
Visual Art	1CD 2AB* 3AB

LIST B

Accounting and Finance	1AB 2AB 3AB*
Applied Information Technology	2AB 3AB*
Biological Science	2AB 3AB
Chemistry	2AB 3AB*
Human Biological Science	2AB 3AB*
Integrated Science	1AB
Mathematics	1DE 2CD* 3AB* 3CD*
Mathematics Specialist	3AB 3CD*
Outdoor Education	1CD
Physical Education Studies	2AB 3AB
Physics	2AB 3AB*

To produce a competitive ATAR a maximum of two Stage 2 units should be selected in Year 12 (excluding English and Mathematics where Stage 3 units should be selected).



Both the WACE and WAUPP are recognised by Australian and International universities for entry purposes. Some degrees may require prerequisite subject(s), entry testing, interviews, or a folio to be presented, before entry is granted to a specific course.

WACE students will have their Tertiary Entry Score converted to a ranking (ATAR) and this will determine their eligibility for specific degree programs in each university.

International students who successfully complete the WAUPP can be confident of a place in an Australian university. However, students should consult the Director of Teaching for advice on subject selection and the entry requirements for specific degrees in their preferred university.

A table based on previous years' combined percentage scores (CPS) and Scaled Tertiary Entrance Scores (TES)

UNIVERSITY ENTRY RANKING

ATAR	Combined Percentage Score (CPS) for WAUPP	Scaled Tertiary Entry Score (TES) for WACE
99	90	340.2
98	85	326.2
97	80	315.3
95	75	300.7
90	70	279.2
85	65	263.4
80	60	250.2
75	57	273.9
70	53	225.6

indicating an approximate equivalent ATAR is provided below. This can only be used as a rough guide as each year will be slightly different from other years. The CPS and TES include the final results of a student's best four subject marks.

A final score of at least 50% is required in ELACS (WAUPP) for university entry, although many universities require at least 60% for some degree courses. WACE students need to achieve the English Language requirements of individual universities.

The CPS includes the final results of a student's best four subject marks. A final score of at least 50% is required in ELACS for university entry, although many universities require at least 60% for some degree courses.

Our programs aim to give every student the best possible chance of success by identifying and supporting individual needs, abilities and goals.

University Admission Requirements

Every year, Australian Universities allocate a number of student places to each of their courses. All students are ranked in accordance with their results and relative to every other student in that year group. They are then given a ranking, based on an average of their four highest subject marks, known as an Australian Tertiary Admission Ranking (ATAR). A “cut-off ATAR score” that is equivalent to the last student admitted to a course is determined each year based on the number of places available and the student demand for those places.

For this reason the ATAR required for any particular course cannot be accurately forecast for a particular year of entry. However, indicative ATAR “scores” for a small number of degree courses and universities are shown in the table below to provide some guidance for students. Students should apply for their preferred course and university and then simply try to gain their highest marks in at least four of their subject choices.

Field of Study	University	Approximate ATAR
Biomedical Science/ Biotechnology/ Health Sciences (Some of these degrees lead into Medicine, Veterinary Science, etc.)	University of Melbourne	95
	Monash University	90
	La Trobe University	76
	Swinburne University	72
	Murdoch University	70
Business Commerce	University of Melbourne	93
	Monash University	90
	University of WA	81
	La Trobe University	73
	Curtin University	72
	Swinburne University	71
	Murdoch University	70
Edith Cowan University	66	
Engineering (Various)	Monash University	96
	University of WA	83
	Curtin University	80
	Murdoch University	75
	Swinburne University	75
	Edith Cowan University	66
Environmental Science / Environmental Planning	University of Melbourne	85
	University of WA	83
	Murdoch University	75
	La Trobe University	66
Information Technology / Computer Science	Swinburne University	77
	Curtin University	74
	La Trobe University	72
	Edith Cowan University	66
	Murdoch University	65
Media and Communications	University of Melbourne	97
	Curtin University	75
	Swinburne University	73
	Murdoch University	65
	La Trobe University	65

Successful students aim for the highest marks to gain the best possible ATAR for their choice of University.

Subject Descriptions

ACCOUNTING

Accounting & Finance 1A/B

Accounting and Finance 1A/1B: With a focus on personal finances, students are introduced to financial reports and documents that reflect financial transactions and assist in decision making for personal matters and for starting a small business.

Accounting & Finance 2A/B

Students learn to record and process financial information for a variety of small business entities, using the double entry system. The course includes accounting for depreciation, Balance Day adjustments, and how to handle the Goods and Services Tax (GST) in Australian businesses. The computer accounting package MYOB is introduced

Accounting & Finance 3A/B

This course extends 2A/2B to the preparation and interpretation of Budgets and performance reports that are used for the internal management of business concerns. Also, students develop an awareness of corporate social disclosure issues and the expected ethical behaviour within corporations.

Prerequisite - Previous studies in Accounting & Finance

APPLIED INFORMATION TECHNOLOGY

Applied Information Technology 2A/B

Students use a range of computer hardware and software to create, manipulate and communicate information. Using a range of applications, students investigate, design, construct and evaluate Information and Communications Technologies (ICT) solutions in a range of environments. The result is a set of skills to equip students for the 21st century and give them an appreciation of the social impact of information technology in general.

Applied Information Technology 3A/B

This course provides opportunities for students to develop knowledge and skills relevant to the use of ICT within social, industry and business environments, to meet everyday challenges. They consider the ethical implications of ICT solutions and develop an appreciation of the role and impact of these technologies on their personal values and those within a democratic and ethnically diverse society.

BIOLOGICAL SCIENCE

Biological Science 2A/B

These units include the study of:

- Ecosystems
- Classification of living things
- Effects of change in the environment

- The structure and function of living things
- Genes
- Reproduction and life cycles

Prerequisite - A minimum of a C grade in Year 10 Science and Mathematics

Human Biological Science 3A/B

These units extend Biological Science 2A/2B to develop the following concepts:

- Ecosystems – biodiversity and sustainability
- Photosynthesis, Respiration and energy transfer
- Homeostasis in animals
- Water balance and temperature regulation in vascular plants
- Recombinant DNA technologies
- Evolution and speciation

Prerequisite - Minimum of a C grade in Biological Science 2A/B or equivalent

BUSINESS MANAGEMENT & ENTERPRISE

Business Management & Enterprise 1A/B

This course has a focus on the role of business in Australia and on entrepreneurship, initiative and inspiration in a business environment. Real business examples are used to develop financial and business literacy; and to enhance students' inter- and intrapersonal skills.

Business Management & Enterprise 2A/B

This course has a marketing focus and looks at what it takes to build a successful business. It explores the management of business and considers the challenges of expansion and how this impacts on human resources in business.

CAREER & ENTERPRISE

Career & Enterprise 1C/D

This course gives students the knowledge, skills and attitudes needed to be enterprising managers of their own career development in a constantly changing digital and global world. On completion, students will be better placed to enter the workforce and deal with the demands of a globalised work community.

CHEMISTRY

Chemistry 2A/B

Students who are interested in pursuing a career in health, medicine, engineering, biology, or agriculture should select this course and Chemistry 3A/3B to properly prepare for their university education.

Students will have their TES or their CPS converted to a ranking (ATAR) and this, together with an English Language requirement, will determine their eligibility for specific degree programs in every Australian university.

This course examines:

- The structure of chemicals
- The language of chemistry
- Chemical change
- Acids and Bases
- Oxidation and reduction
- Organic chemistry in the environment.

Prerequisite - A high level of achievement in previous studies of Science and Mathematics.

Chemistry 3A/B

Students will build on their studies from Chemistry 2A/B and study:

- Chemical process
- Industrial chemistry
- Complex chemistry in biology and medicine,
- Fuel Cells
- Plastics

DRAMA

Drama 2A/B

The study of drama provides students with pathways to further studies in fields such as acting, direction, playwriting, production design, production management and studies in drama criticism. This course focuses on Dramatic Action and on Challenge and Identity. The course introduces students to representational drama, a more symbolic form of theatre, and realistic drama.

Drama 3A/B

This course gives students the opportunity to perform and produce a published drama work in a theatre or relevant performance space. Students learn about directing and rehearsing a drama text; as well as stage managing, planning production schedules and creating a safe working environment through working responsibly. Later in the course students apply their skills and knowledge to develop original works.

Prerequisite - C grade or better in 2A/2B Drama or equivalent

ECONOMICS

Economics 1A/B

This course is focused on personal, finance and business economics. Students are taught how to budget and manage their money and explore strategies for increasing personal wealth. It also explores the role of business in the economy. Students examine the challenges faced by firms and develop successful business strategies.

Economics 2A/B

This course is an introduction to macroeconomics and the government's role in the economy, exploring issues like economic growth, inflation and unemployment with a focus on the Australian economy.

Economics 3A/B

This unit explores Australia's economic relationships with other economies and contemporary global economic events and issues of significance to Australia. These include how interest rates are determined, the impact of fiscal and monetary policies, why private sector investment is considered to be the engine of growth, inflation and why it is problematic, why unemployment is undesirable, business sentiment and how it influences the business cycle.

Prerequisite - A 'C' grade or better in 2A/B Economics or an equivalent

ENGLISH

English 1C/D

Students learn to use language to present their experiences, ideas, opinions and responses more effectively, exploring how language can be used differently in different situations. Students also explore and develop language skills to assist their participation in work and society, such as finding, accessing, using and evaluating information. This course is wholly school assessed.

English 2A/B

Students develop their language skills by exploring issues of concern or controversy, past or present, and by examining how language is used in relation to these topics: how language can be used to influence attitudes and bring about action or change, and how such uses of language can be challenged and/or resisted.

English 2C/D

Students develop an understanding of the way language operates in a community (e.g. workplaces, subcultures, sporting groups, interest groups, professions, political groups, religious groups etc.) to transmit understandings, create identities, establish power and operate effectively. Students develop an understanding of the way language is used to offer particular representations of topics, events, places or people.

English 3A/B

Students study how identities are expressed, constructed, represented and critiqued through language. They learn to critically interpret the relationship between particular uses of language and texts on the one hand and conceptions of identity on the other. Students explore the way language is used in relation to ideas and how this varies among particular fields, genres, and discourses.

ENGLISH LITERATURE

English Literature 2A/B

Students are expected to develop a deeper understanding of literary study and respond to complex texts. They explore the different ways texts relate to historical conditions, value systems and cultural life. Students create their own literary pieces and write sophisticated formal essays.

English Literature 3A/B

Students study elements of literary study and respond to prose, drama and poetry. They explore different ways texts relate to historical conditions, value systems and culture. Students are required to create their own literary pieces and write high-quality formal essays.

ENGLISH AS AN ADDITIONAL LANGUAGE / DIALECT

English as an Additional Language / Dialect 1C/D

This course is designed to meet the needs of students for whom English is a second language. It provides written and oral skills in English using students' own life experiences, their existing language and culture, and requires them to present themselves and build relationships with peers as they explore experiences with others. The role of tradition in the maintenance of cultural identity and communities is examined in this context.

English as an Additional Language / Dialect 2A/B

As cross-cultural learners, students deepen their appreciation of cultural differences and values. They develop their ability to use English for essay and report writing, and oral presentation.

English as an Additional Language / Dialect 3A/B

In this course, students explore the concept of culture and how it influences the way people view the world; this is taken within the context of Australia as a multicultural community. Using their knowledge and skills from existing languages and cultures, students learn to use English to identify and examine the ways in which language can be used to affect power within society.

HUMAN BIOLOGICAL SCIENCE

Human Biological Science 2A/B

As students learn more about how the human body functions, they develop laboratory skills and learn about making ethical decisions regarding new developments in medicine and health. Topics included in this course are:

- How various organs deal with the needs and wastes of the human body
- Metabolism
- Hygiene and disease prevention
- DNA and inheritance
- Reproduction and reproductive health

Human Biological Science 3A/B

Building on the content of Human Biological Science 2A/2B, students will expand their learning to include:

- Regulation of the internal environment of the body
- Control of the body
- Medical intervention for disease and dysfunction
- Evolution: Processes and Evidence
- DNA and biotechnology
- Hominins

INTEGRATED SCIENCE

Integrated Science 1A/B

In this course, students are encouraged to address issues such as vehicles, lifestyles, resource management and uses of energy from a scientific viewpoint; drawing on concepts from biology, chemistry, geology and physics.

JAPANESE

Japanese Second Language 2A/B

In this course students are introduced to traditional and modern Japanese culture whilst learning the vocabulary, grammar and different scripts (hiragana, katakana and kanji) of the language. Students are encouraged to host a Japanese student at home for authenticity of learning.

Japanese Second Language 3A/B

By the end of this course, it is expected that students will have achieved an intermediate level of competency in Japanese language. Students plan a trip to Japan and examine some of the issues that may arise during their stay. They are encouraged to discuss current issues affecting young people in Japan and Australia.

MATHEMATICS

Mathematics 1D/E

Students from Years 10, 11 and 12 may select this course although it is a practically-based course emphasising the relevance of mathematics in everyday life. There are no formal examinations but tests do form part of the assessment. Topics covered include financial mathematics such as budgeting, problem solving and data analysis.

Mathematics 2A/B

When followed by Mathematics 2C/2D, this mathematics pathway will meet the numeracy requirement for entry into most universities, but is not suitable for those degrees requiring strong mathematical skills. This part of the course develops a range of general mathematics concepts, excluding Calculus, and has a focus on applying these to practical situations.

Mathematics 2C/D

Leading on from the previous course, students are encouraged to further develop and understand the basic mathematical concepts involved and use these to improve their problem-solving skills.



Mathematics 3A/B

The combination of this course with Mathematics 3C/3D is chosen by students who have previously demonstrated a strong ability and interest in mathematics and intend to pursue this interest into their tertiary studies. The course includes Calculus, which is a useful tool for many university science and commerce courses.

Mathematics 3C/D

Students expecting to study Engineering, Mathematics or Science degrees at university are advised to select this course in Year 12. Not only will it provide the requisite mathematical skills for future studies, but students are awarded bonus marks for taking this demanding course in mathematics so raising their ATAR when competing for limited places in certain courses at university.

MATHEMATICS SPECIALIST

Mathematics: Specialist 3A/B

Ideal for students intending to study Engineering, Computer Science or Physical Science at university this course, which is taken concurrently with the matching Mathematics course, introduces additional concepts such as vectors, complex numbers and polar coordinates; whilst also widening their understandings of trigonometry, exponentials, logarithms and functions. Also, it introduces students to mathematical reasoning and encourages them to formalise ideas and proofs.

Mathematics: Specialist 3C/D

This is a challenging course but for most students a high scoring one. Students extend their understanding of vectors to 3 dimensions and learn to apply their knowledge practically. They learn to differentiate and integrate trigonometric functions and the exponential and natural logarithmic functions.

An important aspect of this course is the emphasis on mathematical reasoning and students learn several different methods of formal proofs. The course also develops the ideas of complex numbers beyond the earlier course. Students also learn about matrices and their properties and learn to use matrices to solve linear equations.

MEDIA PRODUCTION & ANALYSIS

Media 2A/B

This area of study challenges students to become active viewers and participants of the media through original and artful production and analysis of it. This course deals with popular culture as demonstrated by reality television, popular music clips, tabloid press, interactive forms and animation. Students learn to interpret codes and conventions used by the media to create meanings used a variety of mediums. They are made aware of production responsibilities as they manipulate technologies to express ideas in their own productions.

Media 3A/B

This course has a focus on media art forms, developing in students an understanding of aesthetics by exploring meanings and values depicted in contemporary and traditional media are. It also deals with power and persuasion in diverse fiction and non-fiction media forms. Students examine the role of the media in reflecting, challenging and shaping values and beliefs; and create media productions that express their personal views and style.

MODERN HISTORY

Modern History 2A/B

In this course students examine changes in society and trends and forces throughout history that have caused societies to evolve to their present states. They appreciate that some values, beliefs and traditions are fundamentally linked to society, but that others are transitory. Some individuals oppose change whilst others support it. Students observe causes, impacts and consequences, actions and reactions, and the trends of continuity and change.

Prerequisite - 50% or greater in Year 10 History studies, or 50% or greater in previous 2A/B Modern History studies or equivalent

Murdoch College is perfectly placed to give students the opportunity to discover and explore a range of options for their futures – whatever their strengths and ambitions.



Modern History 3A/B

This course looks at cohesion and division in societies and ideas that shaped history by examining internal and external forces that impact on society and the consequences they have on society. They explore the power of ideas as forces for change and how they are used to reinforce or change dominant elements in society.

Prerequisite - 50% or more in 2A/B Modern History or an equivalent subject

MUSIC

Music 1A/B

Students foster their music appreciation and skill through performance, composition, critical listening and musicology. In this course students develop musical skills designed around experiences of self and the immediate environment and to express personal beliefs, opinions and feelings.

Prerequisite - C grade or better in Year 10 Music or equivalent

Music 2A/B

This course introduces a deeper study of music, including music theory and the study of a variety of musical styles and genres through Western art music, jazz or contemporary music. Their study of music builds on performance, composition, critical listening and musicology to give a better understanding of the way in which music affects peoples' lives.

Prerequisite - C grade or better in Year 10 Music or equivalent and performance on an instrument

OUTDOOR EDUCATION & PHYSICAL EDUCATION STUDIES

Outdoor Education 1C/D

This course uses activities such as snorkelling, canoeing, rock-climbing, abseiling and hiking to build self confidence and skills in the outdoors in students. Their participation in these develops the skills of planning, preparation, mapping and route planning, leadership and responsibility.

Physical Education Studies 2A/B

The emphasis in this course is to improving fitness and skills to increase individual and team performance. Students develop instructional and teaching practices to gain an understanding of specific training methods, strategies and principles that develop the athlete as a whole, whilst extending their own skills development.

Physical Education Studies 3A/B

Theory and practice are closely linked in this course where the athlete looks at their conditioning, skill development, mental approach, nutrition, recovery and preparation for enhanced individual performance. Biomechanics, physiology and mental skills training are major components of the course.

PHYSICS

Physics 2A/B

Students choosing physics, which is strongly recommended for higher level studies in science and engineering, should have a very high level of

achievement in previous studies of science and mathematics. Topics in this course include:

- Motion and forces
- Heating and cooling
- Nuclear physics
- Electricity

Physics 3A/B

In this course students will study:

- Motion and forces
- Electricity and Magnetism
- Particles and waves, including sound and light
- Atomic physics in x-rays and fluorescence
- Gravity
- Quantum physics

POLITICAL & LEGAL STUDIES

Political & Legal Studies 2A/B

The course focuses on political and legal systems. Students examine the legislative, executive and judicial structures and processes of political and legal systems, the principles that underpin these structures and processes and the values and events that influence them. Students examine the principles of representative democracy and justice.

Political & Legal Studies 3A/B

This course examines the roles and forms of power in Australia and other systems. It examines the roles and the forms of power wielded by Australia's political and legal institutions as well as the ways in which citizens can participate in political and legal decision making. Comparisons are made with other political and legal systems. The course also examines the democratic accountability of Australia's political and legal institutions. Students critically examine how political and legal systems respond to human rights issues and assess the equity of Australia's legal processes.

VISUAL ARTS

Visual Arts 2A/B

The theme for this course is differences and identities. The first project gives students the opportunity to explore differences in international landscapes. Students are asked to research a number of cultures through studies of physical structures to complete traditional landscape studies. Separately, students are asked to create drawings exploring their chosen country's festivals, arts, religion, beliefs, gender, political, economical and social issues. Also, students will research West Australian and global portraiture artists before allowing their research to influence their own artwork, resulting in a final portrait.

Prerequisite - C grade or better in Stage 1 Visual Art

Visual Arts 3A/B

In this course students are asked to 'look into' a culture other than their own and complete a series of drawing, painting and mixed media studies.

This study will result in a major artwork (different from the Stage 2 course) exploring either still life, portraiture, landscape, textiles/wearable art and may incorporate digital art, photography, sculpture and printmaking. Also, students will study their backyard in both a macro and broader sense (including exploring their own country's physical, political and social issues).

Prerequisite - C grade or better in Stage 2 Visual Art or equivalent

Admission Requirements

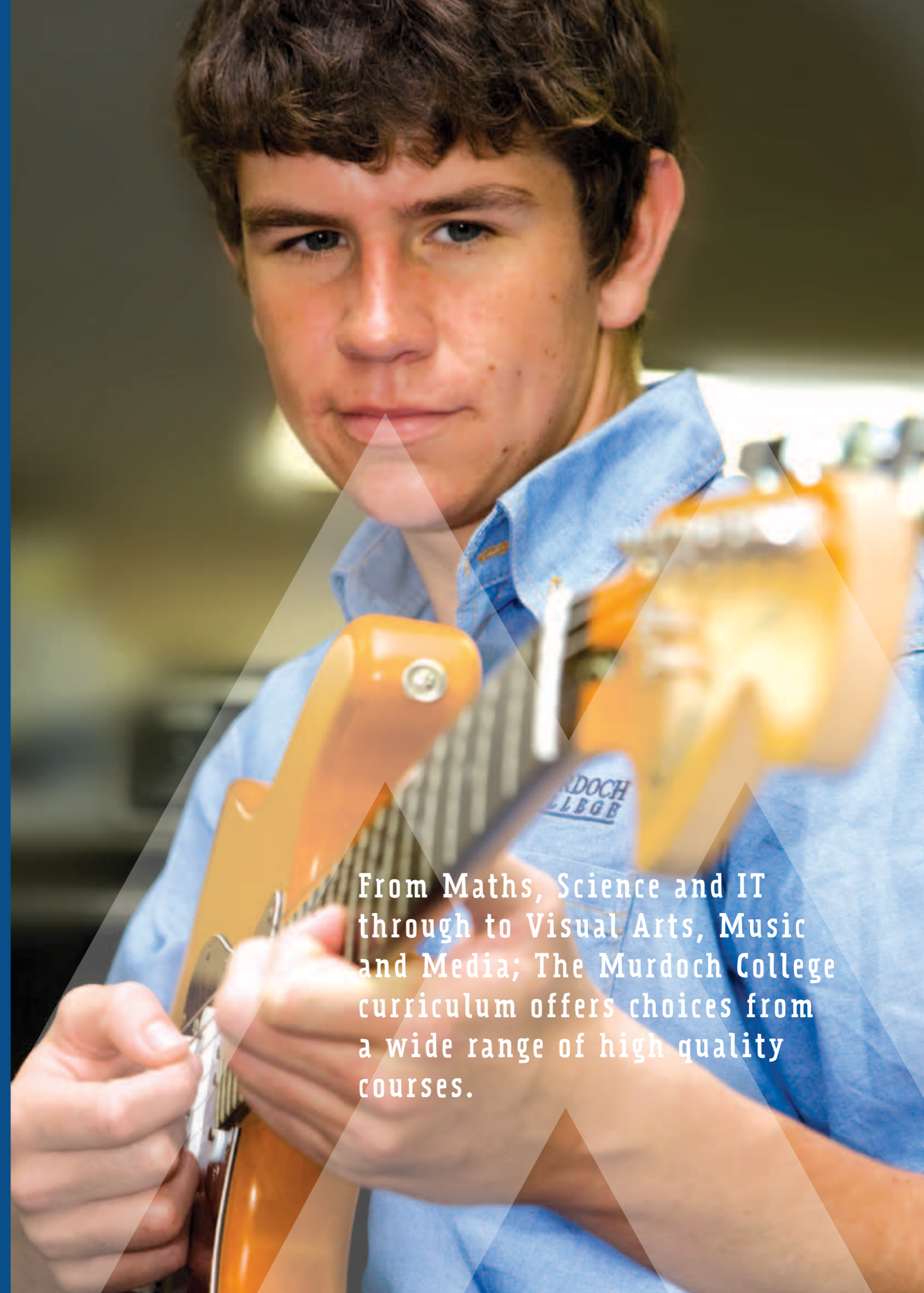
The minimum requirements for direct admission into each course offered in Murdoch College are shown in the table below. Documentary evidence of having met these requirements must be attached to each student's Application Form. Where a student requires additional support in English Language competency, or in subject content matter, a preliminary Bridging Program into the preferred course may be offered.

Mature age entry into Year 12 can be considered on a case-by-case basis where previous education, qualifications, and work experience will be assessed.

Admission Requirements

Country	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12 / WAUPP
Australia	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
Brunei	Year 6	F1	F2	F3	F4	F5 / O Levels
Hong Kong	Year 6	F1	F2	F3	F4	F5
Indonesia	Year 6	SMP I / II	SMP II / III	SMP III / SMU I	SMU I / SMU II	SMU III
Japan	Shogakko 6	JR 1 / 2	JR 2 / 3	JR 3 / Sr 1	SR 2	Kotogakko / Upper Secondary School Certificate
Kenya	Year 7	F1 / Year 8	F2 / Year 9	F3 / Year 10	F4 / Year 11	KCSC or O Levels
Korea (South)	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
Macau	Year 6	F1	F2	F3	F4	SM3
Malaysia	Year 6	F1 / J1	F2 / J2	F3 / J3 PMR	F4 / SR 1/2	SR3 / SPM 3
PR China	Year 6	JR 1 / 2	JR 2 / 3	JR 3	SR 1	SR 2
Singapore	Primary 6	S1N	S1E / 2N	S2E / 3N	S3E / 4N	O Level
South Africa	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
Thailand	Primary 6	MAT* 1	MAT 2	MAT 3	MAT 4	MAT 5
Vietnam	G6	G7	G8	G9	G10	G11

*Matthayom



From Maths, Science and IT through to Visual Arts, Music and Media; The Murdoch College curriculum offers choices from a wide range of high quality courses.

Specialist Programs

PREPARATION FOR SECONDARY STUDIES (PSS)

Being confident and competent in English language is vital to every student's future academic success. To develop this confidence, Alexander Language School, located within Murdoch College, has developed a comprehensive course that includes:

- General and academic English incorporating vocabulary specific to mathematics, science and social studies
- Computer literacy and keyboarding skills
- General study skills.

Students may enrol in as many terms as they wish, to build up these skills for future success. If this course ends at a time of year that is not academically suitable for transfer, students will be placed into an Academic Bridging Program that will provide a necessary foundation for their next level of learning.

ACADEMIC BRIDGING PROGRAMS

These programs start in July or October, and end in December, each year. They benefit students who decide to come to Australia early to overcome homesickness and settle into a new environment, to consolidate their English language ability or to familiarise themselves with the subject content prior to starting a new course at the start of the following year.

These students can elect to enrol in pre-Year 10; pre-Year 11 or pre-Year 12 to give themselves the best chance of success in each respective year's study program.

LEARNING ENRICHMENT ACTIVITIES PROGRAM (LEAP)

Students' individual differences are catered for through the extension and enrichment opportunities for learning via a variety of academically challenging and inspiring activities. It caters for academically gifted students - through subject extension programs, competitions and school-based clubs - as well as for those students who need extra personal or learning support.

MURDOCH INTEGRATED LEARNING EXPERIENCE (MILE)

This program aims to expand career awareness and stimulate interest in a diverse range of activities that will help to

cultivate trust and foster the concepts of teamwork and leadership; and to enjoy an appreciation of music, literature, language and creative arts. We encourage students to engage in a balanced, all-round, education within the MILE curriculum and after school through their participation in one or more of the listed clubs:

- Drama Production
- Homework
- Computing
- Robotics
- Reading
- Drawing
- Philosophy
- Community Service
- Outdoor Pursuits
- Hair & Make-Up Production
- Robocup Challenge
- Tournament of Minds
- Active Recreation
- Debating

PATHWAYS TO THE FUTURE - Tertiary Study or Employment

UNIVERSITY ENTRANCE VIA WACE / ATAR

Open to all Australian students, and international students with a strong ability in English, having an appropriate ATAR for direct entry into any Australian university.

UNIVERSITY ENTRANCE VIA WAUPP

WAUPP students (international students only) are required to achieve a minimum of 50% in ELACS and a Combined Percentage Score (CPS) to gain entry into their preferred university course. Students may have to meet additional entry requirements such as interviews, tests, folios and/or subject prerequisites for certain courses.

WACE GRADUATION

This pathway is best suited for students who wish to enter employment immediately after Year 12, or later to enter university via a Vocational Education and Training (VET) course offered in one of the Colleges of Technical and Further Education (TAFE) in Australia.

These students may not qualify for an ATAR if they have insufficient study at Stages 2 and/or 3.

Murdoch college helps students to achieve their goals through its specialist programs and pathways leading to excellent universities and careers.

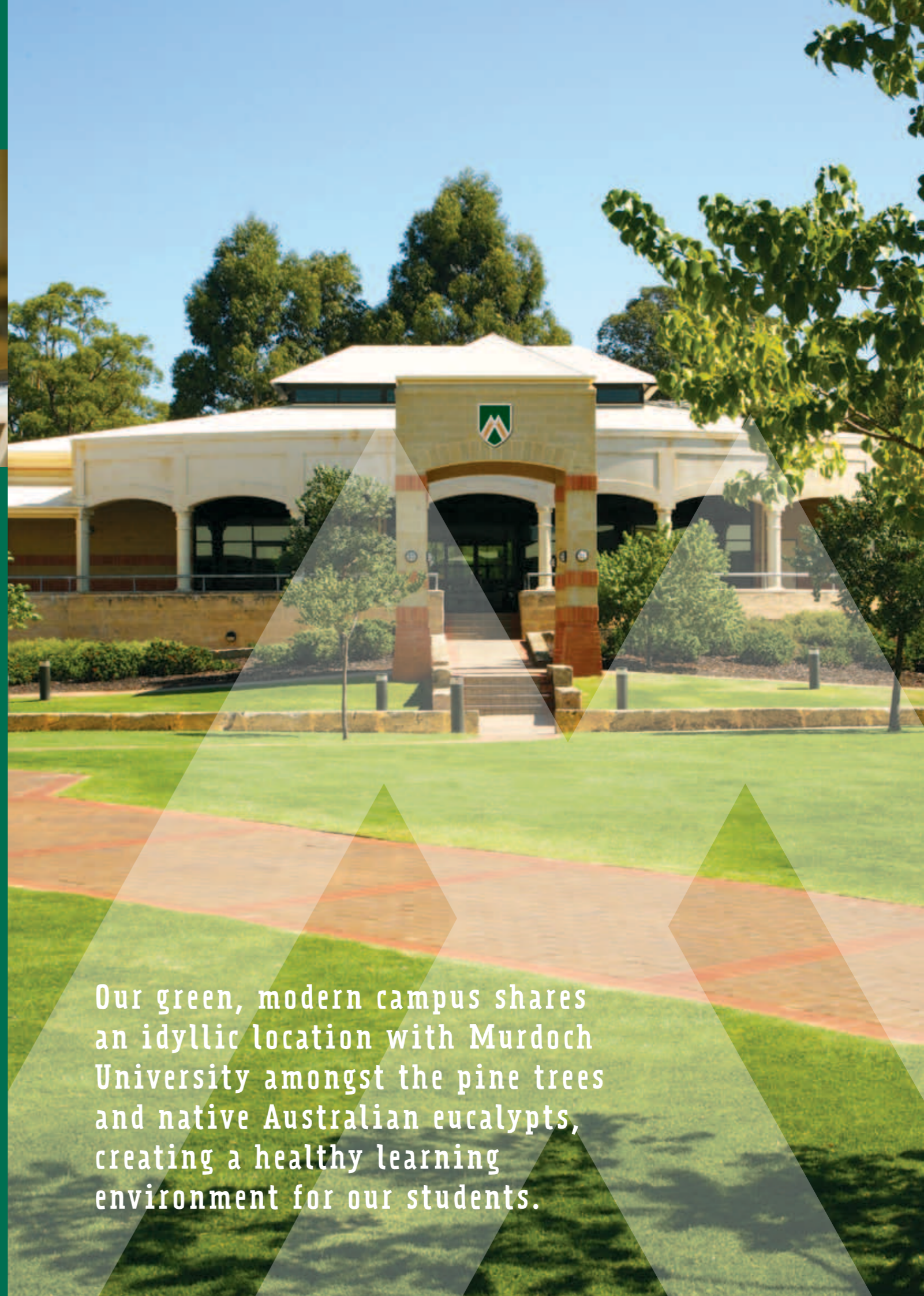


MURDOCH COLLEGE MURDOCH UNIVERSITY (MCMU) PATHWAY

Murdoch College enjoys a special link with Murdoch University and is therefore in a position to offer high-achieving students, who intend to study in one of the disciplines listed below, a *Dean's Entry Award*.

- Business
- Chiropractic Studies
- Education
- Engineering
- Law
- Psychology

To be eligible for an award, students must indicate one of these areas of study at Murdoch University as their "1st Preference" on their TISC Application for university entrance. Murdoch College will nominate students for one of the University's Dean's Awards. Successful students will be offered a place in their chosen degree prior to taking the final examinations for WACE.



How to Enrol

STEP 1 – Select your Course

Meet with a course advisor or an authorised Education Agent, or go to the website: www.murdochcollege.wa.edu.au to choose your course.

STEP 2 – Complete and Submit an Application Form

The completed Application Form, accompanied by the documents listed below, should be:

- (a) handed to the person who assisted you in Step 1; or
- (b) emailed to admissions@murdochcollege.wa.edu.au; or
- (c) posted to:

The Admissions Office
Murdoch College,
Murdoch University Campus,
South Street, Murdoch,
Western Australia 6150

Attachments

- Certified copies of your last two school reports
- Certified copy of any public examination results
- Evidence of English Language competency such as school results, or IELTS, TOEFL or similar test scores.

STEP 3 – Letter of Offer

Successful applicants will receive a Letter of Offer.

STEP 4 – Acceptance of Offer

To accept your offer, simply complete the acceptance letter and return it with payment of the amount stated on the Letter of Offer. International students will be sent a Confirmation of Enrolment to use when applying for a Student Visa.

STEP 5 – Apply for a Student Visa

Lodge your application for a Student Visa at an Australian Government Department of Immigration and Citizenship (DIAC) office. The visa application must be accompanied by:

- Copy of Letter of Offer
- Copy of Confirmation of Enrolment (CoE)
- Copy of Welfare Letter (CAAW) if required
- Valid Passport
- Passport photographs
- Medical clearance
- Visa application fee

Applicants should read the important information on the back of the application form concerning the Conditions of Enrolment, particularly the Refund Policy.

Our green, modern campus shares an idyllic location with Murdoch University amongst the pine trees and native Australian eucalypts, creating a healthy learning environment for our students.



Murdoch College

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South Street, Murdoch
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admissions@murdochcollege.wa.edu.au

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The information in this publication is correct at the time of printing as at March 2011, but may be subject to change. Murdoch College reserves the right to change the content or method of assessment, to alter tuition fees, to withdraw any unit or program, to impose limitations on enrolment or to vary the arrangements for any unit program.

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