UWA Open Day is just for YOU

Doctor of Medicine

12.15pm, Sunday 14th August 2016
The Octagon

.openday.uwa.edu.au
#UWAOpenDay

you.uwa.edu.au
Register on YouPortal, your guide to uni life
Start your pursuit by exploring the UWA YouPortal.

You can win

Fill out your profile today and go into the draw to win 1 of 3 Apple Watches!

Online: you.uwa.edu.au
TXT: 0476 856 085

Apple is not a participant in or sponsor of this promotion.
Do you want to be a Doctor?

• Doctors care for people of all ages
• Take clinical history and examine patients
• Investigate, diagnose, treat and monitor patients
• Are you interested in how the body works?
• Do you care about people & their medical problems?
• There are many types of doctor

http://www.lazada.com.ph/when-i-grow-up/
## Studying to become a Doctor

<table>
<thead>
<tr>
<th>Programme of Study</th>
<th>No. Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate (Bachelor) degree</td>
<td>3 (4)</td>
</tr>
<tr>
<td>Doctor of Medicine (MD)</td>
<td>4</td>
</tr>
<tr>
<td>Junior hospital doctor</td>
<td>2 - 3</td>
</tr>
<tr>
<td>Specialist training</td>
<td>3 - 5</td>
</tr>
<tr>
<td>Specialist Doctor (e.g. GP, Surgeon, Psychiatrist, Obstetrician)</td>
<td>Total = 12 – 15</td>
</tr>
</tbody>
</table>
Studying Medicine @ UWA

- Doctor of Medicine (MD)
- 4-year postgraduate degree
- 240 places
- “Direct Pathway”
- Graduate entry
How to Enter the MD Programme


• School leavers ("Direct Pathway")
• Graduates (any prior Bachelor degree)
Why Study Medicine at UWA?

• Established programme for 60 years
• Top medical school in WA
• Ranked 2nd in Australia for medical research
Why Study Medicine at UWA?

• 60 years of producing highly successful doctors
• Nobel prize winner: Professor Barry Marshall
• Great teachers
• Excellent teaching facilities
• Wonderful location, hospitals (metro & rural)
Doctor of Medicine programme

What you will learn:

• Scientific basis of medicine
• Clinical skills
• Society and health
• Practice of medicine
• Being a doctor
“Direct Pathway” to MD

- Gives career direction
- 70% of MD places “reserved” for School leavers
- Pathway places:
  - High Achiever
  - Broadway Scheme
  - Rural
  - Indigenous
  - International
- Guaranteed place on completion of UWA degree and GPA >5.5
Requirements for Direct Pathway

• Apply in Year 12 (TISC application)

• Offer determined by:
  • Australian Tertiary Admission Rank (ATAR):
    • High Achiever ≥ 99
    • UWA Broadway Scheme ≥ 96
    • Rural ≥ 96
  • Undergraduate Medicine Admission Test (UMAT) (or International Student Admission Test - ISAT)
  • Interview
Special Pathways

• **Rural Definition:**
  - Australian Standard Geographical Classification (ASGC) Remoteness Areas classification system 2-5:
  - Minimum 5 yrs consecutive, or, 10 years cumulative

• **Broadway Scheme:**
  - All year 12 and WACE at a UWA Broadway School
Special Pathways

• Rural Definition:
  • Australian Standard Geographical Classification (ASGC) Remoteness Areas classification system 2-5:
    • Minimum 5 yrs consecutive, or, 10 years cumulative

• Broadway Scheme:
  • All year 12 and WACE at a UWA Broadway School

UWA Broadway Schools:
Undergraduate Medicine Admission Test (UMAT)

• Assists selection into the MD

• Register for UMAT in Year 12

• Score used only for admission in the year following the UMAT test:

  2017 UMAT results are only for Direct Pathway offers for 2018 entry into MD

• https://umat.acer.edu.au/
Interviews for Entry to MD

• To assess the qualities considered desirable in medical practitioners
  o Communication
  o Motivation to medical career
  o Awareness of social diversity
  o Self-awareness
  o Trustworthiness, values, ethics, working with others

• Invited after WACE exams using predicted ATAR

• [Website Link]
Bonded Medical Places (BMP)

- Australian Government scheme to provide more doctors to areas with a doctor shortage
- 28.5% of 1st year places at all Medical Schools
- Must agree to 1 year return of service in rural area
- No financial assistance provided
- If unsure, suggest put BMP as 2nd preference – this will give you options – you have 3 years to decide
- UWA allocates BMP places in all Direct Pathway schemes
- Sign the BMP agreement in the year you commence MD
Further Information

Brochure available in Winthrop Hall and Future Student’s Hub (James Oval)
Websites for Information

• **UWA Broadway Scheme schools list:**
  http://www.studyat.uwa.edu.au/undergraduate/entry-pathways/broadway

• **Rural eligibility pathway:**

• **International Student Admissions Test:**
  https://isat.acer.edu.au/

• **Undergraduate Medicine Admission Test:**
  https://umat.acer.edu.au/
What if you don’t get a “Direct Pathway” place direct from School?

• Graduate entry to MD: 30% of places

• Same degree as “Direct Pathway”

• Any Bachelor degree from any university

• Domestic: apply via Graduate Entry Medical School Admissions System (GEMSAS) http://www.gemsas.edu.au/

• International: UWA online application
Requirements for Graduate Entry

- Completed an undergraduate degree
- High Grade Point Average (GPA)
  - Index summarising academic performance
  - Calculated from last 3 years of study
- Domestic: Graduate Medical School Admissions Test (GAMSAT) [https://gamsat.acer.edu.au/](https://gamsat.acer.edu.au/)
- International: Medical College Admission Test (MCAT) or GAMSAT
- Interview
First: Do a Bachelor Degree

- Medicine is a postgraduate degree

- Whether you have a “Direct Pathway” place or enter as a Graduate, you must do an undergraduate degree before entering the MD

- Why? Develop as a person, broaden your knowledge and skills before doing medicine
Which Bachelor Degree to Take

• If you have a Direct Pathway place:
  • You can do any Bachelor degree (BA, BSc etc)
  • BSc (Medical Sciences): shortens pathway to become a doctor to 6 years

• If you do not have a Direct Pathway place:
  • Still need to apply to medicine as a graduate
  • Any undergraduate degree
  • Some people enter medicine with a PhD!
Bachelor Degrees at UWA

Any Degree:
- Science
- Arts 3 years
- Commerce
- Design
- BPhil (Hons): 4 year
- Single or 2 majors
- Subjects of your choice

... then enter medicine
Bachelor Degree

Bachelor Degree

1 2 3

MD Degree

1 2 3 4

3-year Bachelor degree leading to 4-year MD
BPhil (Hons) Degree

1 2 3 4

MD Degree

1 2 3 4

4-year BPhil (Hons) leading to 4-year MD
Bachelor Degrees at UWA

Any Degree
- Science
- Arts
- Commerce
- Design
- BPhil (Hons): 4 year
- Single or 2 majors
- Subjects of your choice

BSc (Medical Sciences)
- Single major (+ 2nd major)
- 12 pre-determined units in medical sciences over 3 yrs
- Units in medical sciences are also in the MD (Yr 1)
- Lead to 1-year credit in MD
- Then enter MD at Year 2
- Total = 6 years to MD
BSc (Medical Sciences)

Bachelor Degree

1 2 3

→

MD Degree

1 2 3 4

3-year Bachelor degree in Medical Sciences
Knowledge gained gives 1 year “credit” in the MD
Enter Year 2 of MD
Bachelor degree in Medical Sciences
Knowledge gained gives 1 year “credit” in the MD
Enter Year 2 of MD
Medical Sciences Major

Mechanisms of health and human disease

- Wide range of disciplines

- Knowledge across all preclinical science disciplines
  Anatomy, biochemistry, genetics, microbiology, pathology, pharmacology, physiology and population health
Medical Sciences Major

Understanding human body structure & function
From molecules – cells – organs – body systems

❖ How is our body function disrupted by disease?
❖ How we diagnose and treat disease
❖ How we promote good health among populations
❖ How we apply the scientific method to health and medical sciences
# Medical Sciences Major

<table>
<thead>
<tr>
<th>Level 1, Semester One:</th>
<th>Level 1, Semester Two:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form &amp; Function:</strong></td>
<td><strong>Cell Survival and Communication:</strong></td>
</tr>
<tr>
<td>Broad body plan, body organisation and basic histology, basic physiology, cell communication</td>
<td>Metabolism, nutrition, cell signaling and cell cycle</td>
</tr>
<tr>
<td><strong>The Facts of Life:</strong></td>
<td><strong>Understanding Health &amp; Disease in People and Populations:</strong></td>
</tr>
<tr>
<td>Basic Chemistry &amp; Biochemistry, cell biology, genetics and heredity</td>
<td>Public &amp; population health, communication skills, Aboriginal health</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Level 2, Semester One:</th>
<th>Level 2, Semester Two: (STUDY ABROAD)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Body Defences:</strong></td>
<td><strong>Essentials of Research in the Health &amp; Medical Sciences:</strong></td>
</tr>
<tr>
<td>Immunology, Microbiology and infection</td>
<td>Scientific method, Research skills, Statistics, Epidemiology</td>
</tr>
<tr>
<td><strong>Blood &amp; Drugs:</strong></td>
<td><strong>Human Development &amp; Genetics:</strong></td>
</tr>
<tr>
<td>Pharmacology, Blood and blood pathology</td>
<td>Development, genetics, abnormalities and cancer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Level 3, Semester One:</th>
<th>Level 3, Semester Two:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Body Systems and Disease I:</strong></td>
<td><strong>Body Systems and Disease III:</strong></td>
</tr>
<tr>
<td>Skin, Musculoskeletal &amp; soft tissue, Neurological &amp; Psychological senses</td>
<td>Gastroenterology &amp; Nutrition, Endocrine</td>
</tr>
<tr>
<td><strong>Body Systems and Disease II:</strong></td>
<td><strong>Body Systems and Disease IV:</strong></td>
</tr>
<tr>
<td>Haematology &amp; Immunology, Cardiovascular &amp; Respiratory,</td>
<td>Renal &amp; Reproductive &amp; Life Course</td>
</tr>
</tbody>
</table>
Do you want a solid foundation in medical science?

Medical Sciences Major

The new Medical Sciences Major will commence in 2017. Units will include information on normal body structure and function, leading to mechanisms of disease from all the pre-clinical scientific disciplines including:

- Anatomy
- Physiology
- Public Health
- Pharmacology
- Biochemistry
- Pathology
- Microbiology

You will be able to take a second major in a related or unrelated area from across the university, plus choose a number of broadening units from diverse fields.

Brochure available in Winthrop Hall and Future Student’s Hub (James Oval)
More Information

• Winthrop Hall

• Future Student’s Hub: James Oval tent

• Websites

• Brochures
Start your pursuit by exploring the UWA YouPortal.

Fill out your profile today and go into the draw to win 1 of 3 Apple Watches!

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TXT: 0476 856 085

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