



# MEDI2401

## Medical Admissions Preparation

Session 3, In person-scheduled-weekday, North Ryde 2022

*Macquarie Medical School*

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#### **Disclaimer**

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## General Information

Unit convenor and teaching staff

Unit Convenor and Tutor

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Consultation by appointment

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Credit points

10

Prerequisites

(CMBS104 or BMOL1001 or CBMS107 or CHEM1001) and (PHYS149 or PHYS1210)

Corequisites

MEDI206 or MEDI2400 or PHIL132 or PHIL1032

Co-badged status

Unit description

This unit aims to prepare students for medical school admission processes. It addresses key concepts covered within graduate medical schools admission test: social sciences (humanities), written communication (essay writing) and sciences (biology, chemistry, and physics). This unit aims to further develop your critical thinking, judgement, reasoning and communication skills that are assessed as part of graduate medical school admission processes.

## Important Academic Dates

Information about important academic dates including deadlines for withdrawing from units are available at <https://www.mq.edu.au/study/calendar-of-dates>

## Learning Outcomes

On successful completion of this unit, you will be able to:

**ULO1:** Use critical thinking skills to evaluate a range of academic and public issues including; socio-cultural, personal and interpersonal concepts.

**ULO2:** Organise and express ideas in a logical and effective way under examination conditions.

**ULO3:** Interpret and analyse a variety of media from social and political contexts and synthesise persuasive and reflective commentary.

**ULO4:** Apply knowledge in basic sciences to demonstrate understanding of key concepts in the areas of biology, chemistry and physics.

**ULO5:** Interpret and analyse a variety of scientific data including; text, graphs, tables and diagrams.

**ULO6:** Apply problem solving and critical thinking skills in the basic sciences.

## General Assessment Information

Grade descriptors and other information concerning grading are contained in the [Macquarie University Assessment Policy](#).

All final grades are determined by a grading committee, in accordance with the Macquarie University Assessment Policy, and are not the sole responsibility of the Unit Convenors.

Students will be awarded a final grade and a mark which must correspond to the grade descriptors specified in the [Assessment Procedure](#) (clause 128).

To pass this unit, students must demonstrate sufficient evidence of achievement of the learning outcomes, meet any ungraded requirements, and achieve a final mark of 50 or better.

Further details for each assessment task will be available on iLearn.

## Special Consideration

If you are unable to complete an assessment task on or by the specified date due to circumstances that are unexpected, unavoidable, significantly disruptive and beyond your control, you may apply for special consideration in accordance with the [Special Consideration Policy](#). Applications for special consideration must be supported by appropriate evidence and submitted via [ask.mq.edu.au](http://ask.mq.edu.au).

## Assessment Tasks

Name	Weighting	Hurdle	Due
<a href="#">Mock Medical School Admissions Test</a>	30%	No	Week 3
<a href="#">Condensed Mock Medical Schools Admission Test</a>	40%	No	Week 6
<a href="#">Mock Medical School Interview</a>	30%	No	Week 6

## Mock Medical School Admissions Test

Assessment Type <sup>1</sup>: Quiz/Test

Indicative Time on Task <sup>2</sup>: 45 hours

Due: **Week 3**

Weighting: **30%**

A full-length mock medical school admission test aimed at helping students identify areas that require improvement and enabling students to reflect on their approach to studying for future medical school admissions tests.

On successful completion you will be able to:

- Use critical thinking skills to evaluate a range of academic and public issues including; socio-cultural, personal and interpersonal concepts.
- Organise and express ideas in a logical and effective way under examination conditions.
- Interpret and analyse a variety of media from social and political contexts and synthesise persuasive and reflective commentary.
- Apply knowledge in basic sciences to demonstrate understanding of key concepts in the areas of biology, chemistry and physics.
- Interpret and analyse a variety of scientific data including; text, graphs, tables and diagrams.
- Apply problem solving and critical thinking skills in the basic sciences.

## Condensed Mock Medical Schools Admission Test

Assessment Type <sup>1</sup>: Examination

Indicative Time on Task <sup>2</sup>: 50 hours

Due: **Week 6**

Weighting: **40%**

A shortened mock medical schools admission test.

On successful completion you will be able to:

- Use critical thinking skills to evaluate a range of academic and public issues including; socio-cultural, personal and interpersonal concepts.
- Apply knowledge in basic sciences to demonstrate understanding of key concepts in the areas of biology, chemistry and physics.
- Interpret and analyse a variety of scientific data including; text, graphs, tables and diagrams.
- Apply problem solving and critical thinking skills in the basic sciences.

## Mock Medical School Interview

Assessment Type <sup>1</sup>: Practice-based task

Indicative Time on Task <sup>2</sup>: 10 hours

Due: **Week 6**

Weighting: **30%**

A simulated mock medical school interview.

On successful completion you will be able to:

- Use critical thinking skills to evaluate a range of academic and public issues including; socio-cultural, personal and interpersonal concepts.
- Organise and express ideas in a logical and effective way under examination conditions.
- Interpret and analyse a variety of media from social and political contexts and synthesise persuasive and reflective commentary.
- Apply problem solving and critical thinking skills in the basic sciences.

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<sup>1</sup> If you need help with your assignment, please contact:

- the academic teaching staff in your unit for guidance in understanding or completing this type of assessment
- the [Writing Centre](#) for academic skills support.

<sup>2</sup> Indicative time-on-task is an estimate of the time required for completion of the assessment task and is subject to individual variation

## Delivery and Resources

### Technology Used

Active participation in the learning activities throughout the unit will generally require students to have access to a tablet, laptop or similar device. Students who do not own their own laptop computer may borrow one from the university library.

### Self-Directed Learning

Students will be expected to undertake significant self-directed learning throughout the course of this unit, reflecting on one's own strengths and weaknesses and bridging knowledge and skill gaps where identified. The examination processes used by Medical Schools covers a broad range of topic areas, **and this unit cannot provide students with all the foundational knowledge that is required for these examinations**. That knowledge has been (or should have been) acquired in high school and in other units previously undertaken at university. The focus of this unit is *fine-tuning* student's prior learning and knowledge, and, more importantly, developing and honing the skills and strategies required to improve performance in medical school admission tests.

## Unit Schedule

### Week 1

Tutorial 1: Unit Orientation, Overview of strategies for Section I and II of Medical Admissions Exams

Tutorial 2: Team-Based-Learning (TBL) Section I of Medical Admissions Exams (IRAT/TRAT/Clarification). Focussed Application Task (FAT): Section II of Medical Admissions Exams.

### Week 2

Tutorial 1: Team-Based-Learning (TBL) Section III of Medical Admissions Exams (IRAT/TRAT/Clarification/FAT).

Tutorial 2: Team-Based-Learning (TBL) Section III of Medical Admissions Exams (IRAT/TRAT/Clarification/FAT).

### Week 3

AT1: Mock Medical School Admissions Test (full length)

### Week 4

Tutorial 1: AT1 Mock Medical School Admissions Test review.

Tutorial 2: Team-Based-Learning (TBL) Section I of Medical Admissions Exams (IRAT/TRAT/Clarification). FAT: Section II of Medical Admissions Exams.

### Week 5

Tutorial 1: Team-Based-Learning (TBL) Section III of Medical Admissions Exams (IRAT/TRAT/Clarification/FAT).

Tutorial 2: Team-Based-Learning (TBL) Section III of Medical Admissions Exams (IRAT/TRAT/Clarification/FAT).

### Week 6

AT2: Condensed Mock Medical Schools Admission Test

AT3: Mock Medical School Interview

## Policies and Procedures

Macquarie University policies and procedures are accessible from [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au). Students should be aware of the following policies in particular with regard to Learning and Teaching:

- [Academic Appeals Policy](#)
- [Academic Integrity Policy](#)
- [Academic Progression Policy](#)
- [Assessment Policy](#)

- [Fitness to Practice Procedure](#)
- [Assessment Procedure](#)
- [Complaints Resolution Procedure for Students and Members of the Public](#)
- [Special Consideration Policy](#)

Students seeking more policy resources can visit [Student Policies \(https://students.mq.edu.au/support/study/policies\)](https://students.mq.edu.au/support/study/policies). It is your one-stop-shop for the key policies you need to know about throughout your undergraduate student journey.

To find other policies relating to Teaching and Learning, visit [Policy Central \(https://policies.mq.edu.au\)](https://policies.mq.edu.au) and use the [search tool](#).

## Student Code of Conduct

Macquarie University students have a responsibility to be familiar with the Student Code of Conduct: <https://students.mq.edu.au/admin/other-resources/student-conduct>

## Results

Results published on platform other than [eStudent](#), (eg. iLearn, Coursera etc.) or released directly by your Unit Convenor, are not confirmed as they are subject to final approval by the University. Once approved, final results will be sent to your student email address and will be made available in [eStudent](#). For more information visit [ask.mq.edu.au](https://ask.mq.edu.au) or if you are a Global MBA student contact [globalmba.support@mq.edu.au](mailto:globalmba.support@mq.edu.au)

## Academic Integrity

At Macquarie, we believe [academic integrity](#) – honesty, respect, trust, responsibility, fairness and courage – is at the core of learning, teaching and research. We recognise that meeting the expectations required to complete your assessments can be challenging. So, we offer you a range of resources and services to help you reach your potential, including free [online writing and maths support](#), [academic skills development](#) and [wellbeing consultations](#).

## Student Support

Macquarie University provides a range of support services for students. For details, visit <http://students.mq.edu.au/support/>

## The Writing Centre

[The Writing Centre](#) provides resources to develop your English language proficiency, academic writing, and communication skills.

- [Workshops](#)
- [Chat with a WriteWISE peer writing leader](#)
- [Access StudyWISE](#)
- [Upload an assignment to Studiosity](#)
- [Complete the Academic Integrity Module](#)

The Library provides online and face to face support to help you find and use relevant information resources.

- [Subject and Research Guides](#)
- [Ask a Librarian](#)

## Student Services and Support

Macquarie University offers a range of [Student Support Services](#) including:

- [IT Support](#)
- [Accessibility and disability support](#) with study
- Mental health [support](#)
- [Safety support](#) to respond to bullying, harassment, sexual harassment and sexual assault
- [Social support including information about finances, tenancy and legal issues](#)

## Student Enquiries

Got a question? Ask us via [AskMQ](#), or contact [Service Connect](#).

## IT Help

For help with University computer systems and technology, visit [http://www.mq.edu.au/about\\_us/offices\\_and\\_units/information\\_technology/help/](http://www.mq.edu.au/about_us/offices_and_units/information_technology/help/).

When using the University's IT, you must adhere to the [Acceptable Use of IT Resources Policy](#). The policy applies to all who connect to the MQ network including students.

## Inclusion and Diversity

Social inclusion at Macquarie University is about giving everyone who has the potential to benefit from higher education the opportunity to study at university, participate in campus life and flourish in their chosen field. The University has made significant moves to promote an equitable, diverse and exciting campus community for the benefit of staff and students. It is your responsibility to contribute towards the development of an inclusive culture and practice in the areas of learning and teaching, research, and service orientation and delivery. As a member of the Macquarie University community, you must not discriminate against or harass others based on their sex, gender, race, marital status, carers' responsibilities, disability, sexual orientation, age, political conviction or religious belief. All staff and students are expected to display appropriate behaviour that is conducive to a healthy learning environment for everyone.

## Professionalism

In the Faculty of Medicine, Health and Human Sciences, professionalism is a key capability embedded in all our courses.

As part of developing professionalism, students are expected to attend all small group interactive



sessions including clinical, practical, laboratory, work-integrated learning (e.g., PACE placements), and team-based learning activities. Some learning activities are recorded (e.g., face-to-face lectures), however you are encouraged to avoid relying upon such material as they do not recreate the whole learning experience and technical issues can and do occur. As an adult learner, we respect your decision to choose how you engage with your learning, but we would remind you that the learning opportunities we create for you have been done so to enable your success, and that by not engaging you may impact your ability to successfully complete this unit. We equally expect that you show respect for the academic staff who have worked hard to develop meaningful activities and prioritise your learning by communicating with them in advance if you are unable to attend a small group interactive session.

Another dimension of professionalism is having respect for your peers. It is the right of every student to learn in an environment that is free of disruption and distraction. Please arrive to all learning activities on time, and if you are unavoidably detained, please join activity as quietly as possible to minimise disruption. Phones and other electronic devices that produce noise and other distractions must be turned off prior to entering class. Where your own device (e.g., laptop) is being used for class-related activities, you are asked to close down all other applications to avoid distraction to you and others. Please treat your fellow students with the utmost respect. If you are uncomfortable participating in any specific activity, please let the relevant academic know.