

## 534-307 Pharmacology (Optometry)

<b>Credit Points:</b>	12.500
<b>Level:</b>	Undergraduate
<b>Dates &amp; Locations:</b>	2008, This subject commences in the following study period/s: Semester 1, - Taught on campus.
<b>Time Commitment:</b>	Contact Hours: 36 lectures and four hours of computer-aided learning Total Time Commitment: 120 hours
<b>Prerequisites:</b>	Enrolment in the third year of the Bachelor of Optometry course with successful completion of second-year physiology and biochemistry.
<b>Corequisites:</b>	None
<b>Recommended Background Knowledge:</b>	None
<b>Non Allowed Subjects:</b>	None
<b>Core Participation Requirements:</b>	It is University policy to take all reasonable steps to minimise the impact of disability upon academic study and reasonable steps will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact upon their active and safe participation in a subject are encouraged to discuss this with the relevant subject coordinator and the Disability Liaison Unit.
<b>Coordinator:</b>	Dr J Ziogas
<b>Subject Overview:</b>	The teaching program will emphasise the importance of drug action in the eye and provide the optometry student with enough background to appreciate the special needs of optometry patients undergoing drug therapy for other conditions and be able to communicate confidently with patients and other health professionals about pharmacology and therapeutics. Topics that will be covered include principles of drug action; pharmacodynamics and pharmacokinetics; administration of drugs to the eye; absorption and penetration through the cornea; mechanisms of drug elimination and metabolism; autonomic innervation of the eye; miotics, mydriatics and cycloplegics; drugs used in systemic and central conditions and their consequence to ocular function; drugs used in ocular conditions; local anaesthetics, anti-inflammatory drugs, antihistamines, anti-infective agents and drugs used in the treatment of glaucoma.
<b>Assessment:</b>	A 1-hour written examination held mid-semester (20%); a 2-hour written examination in the examination period (80%).
<b>Prescribed Texts:</b>	None
<b>Breadth Options:</b>	This subject is not available as a breadth subject.
<b>Fees Information:</b>	Subject EFTSL, Level, Discipline & Census Date, <a href="http://enrolment.unimelb.edu.au/fees">http://enrolment.unimelb.edu.au/fees</a>
<b>Notes:</b>	This subject is only available to students enrolled in the Bachelor of Optometry course.
<b>Related Course(s):</b>	Bachelor of Optometry