



MODULE SPECIFICATION

Part 1: Information			
Module Title	Pharmacology and Therapeutics 2		
Module Code	UZZY5A-15-3	Level	3
For implementation from	September 2020		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Health and Applied Sciences	Field	Allied Health Professions
Department	Allied Health Professions		
Contributes towards	BSc(Hons) Optometry		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	N/A		

Part 2: Description
<p>This module will build upon the content delivered in the second year module Pharmacology and Therapeutics One to provide students with an understanding of the pharmaceutical properties of medication used for ocular and/or other use in infection and inflammation, myopia, glaucoma and retinal pathology.</p> <p>This module will provide a review of autonomic pharmacology and the pharmacological classification of ANS drugs, namely: parasympathomimetics, sympathomimetics, anticholinesterases, antimuscarinics, and adrenergic antagonists.</p> <p>Other drug types covered in this module are: intraocular-acting diagnostic drugs - mydriatics and miotics. Bases for the treatment of infection - antibiotics, anti-viral, anti-fungal and anti-protozoal agents. Bases for the treatment of inflammation - glucocorticosteroids, NSAIDs, mast cell stabilisers, anti-histamines. Bases for the treatment of glaucoma.</p> <p>Students will also examine drugs used in ocular operative procedures, ocular nutritional supplements and drugs used in ocular emergencies.</p> <p>The module will typically comprise of weekly contact lectures and online learning.</p>

Part 3: Assessment: Strategy and Details

Component A will be a 2 hour exam including MCQs, SAQs, and long-answer questions.

Rationale: This will assess the underpinning theoretical aspects of the module relating to ocular pharmacology as per the learning outcomes. This will allow students to be assessed efficiently on factual knowledge as well as exploring more depth and application through longer answers.

Formative assessment: Students will be able to engage in formative quizzes and exam opportunities throughout the module.

Identify final timetabled piece of assessment (component and element)	Component A	
% weighting between components A and B (Standard modules only)	A:	B:
	100%	0%
First Sit		
Component A (controlled conditions) Description of each element	Element weighting	
1. Exam (2 hours)	100%	
Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1. Exam (2 hours)	100%	

Part 4: Learning Outcomes & KIS Data

Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> Summarise and explain the mechanisms of action and relate the mechanism of action to its ocular and systemic adverse reactions of the following ocular drugs: mydriatics, miotics, anti-infectives, and anti-inflammatories (Component A). Explain the mechanism of action and relate this to possible ocular and systemic adverse reactions for drugs used to treat glaucoma, myopia, ocular surgeries, ocular emergencies and nutritional supplementation (Component A). Explain the mechanisms of action of drugs that target the autonomic nervous system (Component A). Predict the contraindications for use and justify the choice of ocular drugs in case scenarios (Component A).
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Key Information Sets Information (KIS)

Contact Hours

Key Information Set - Module data

Number of credits for this module

15

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
150	36	114	0	150



Total Assessment	<p>The table below indicates as a percentage the total assessment of the module which constitutes a;</p> <p>Written Exam: Unseen or open book written exam Coursework: Written assignment or essay, report, dissertation, portfolio, project or in class test Practical Exam: Oral Assessment and/or presentation, practical skills assessment, practical exam (i.e. an exam determining mastery of a technique)</p> <table border="1" data-bbox="630 427 1323 663"> <tr> <td colspan="2">Total assessment of the module:</td> <td></td> <td></td> </tr> <tr> <td>Written exam assessment percentage</td> <td></td> <td>100%</td> <td></td> </tr> <tr> <td>Coursework assessment percentage</td> <td></td> <td>0%</td> <td></td> </tr> <tr> <td>Practical exam assessment percentage</td> <td></td> <td>0%</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>100%</td> </tr> </table>	Total assessment of the module:				Written exam assessment percentage		100%		Coursework assessment percentage		0%		Practical exam assessment percentage		0%					100%
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Reading List	<p>The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. Current advice on reading will be available via the online module reading list.</p> <p>https://uwe.rl.talis.com/lists/66697298-48D7-4574-5699-DBD09C13D295.html</p>																				

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First CAP Approval Date	26 October 2017			
Revision CAP Approval Date		Version	1	MIA 10695