



MODULE SPECIFICATION

Part 1: Information			
Module Title	Pharmacology and Therapeutics 1		
Module Code	UZZY53-15-2	Level	2
For implementation from	September 2019		
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	None		

Part 2: Description
<p>The Module will introduce students to the basic principles of applied ocular pharmacology relevant to the use of diagnostic and over-the-counter ophthalmic drugs in optometric practice. Students will be introduced to drug legislation and the Medicines Act, a variety of formularies and internet sources of drug information.</p> <p>The module will cover the methods of drug administration and absorption, hygiene when administering drugs, and taking a drug history in clinical practice.</p> <p>This module provides students with the knowledge and clinical skills necessary to use the following ophthalmic drugs safely and effectively: diagnostic dyes, cycloplegic drugs, topical anaesthetics and artificial tear substitutes. Students will learn the formulation, design and pharmacokinetics, mechanisms of actions, indications for use, contraindications and adverse reactions for the drugs listed above.</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 written exam which will include MCQs, SAQs, and long-answer questions.

Rationale: This will assess the underpinning theoretic aspects of the module relating to ocular pharmacology as per the learning outcomes, and 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, in addition to formative feedback during module activities.

Identify final timetabled piece of assessment (component and element)	Component A	
% weighting between components A and B (Standard modules only)	A:	B:
	100%	
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	On successful completion of this module students will be able to: <ul style="list-style-type: none"> Explain the mechanisms of action of: cycloplegic drugs, diagnostic dyes, topical anaesthetics, and drugs for dry eye, and relate the mechanism of action to its ocular and systemic adverse reactions (Component A). Describe the legislative class of some ophthalmic drugs, and demonstrate an understanding of the Medicines Act (Component A). Correlate the findings in an ophthalmic history to the medication a patient might be taking (Component A). Indicate how and when to safely and effectively administer the following drugs: cycloplegic drugs, diagnostic dyes, topical anaesthetics, and drugs for dry eye by a knowledge of the indications for use, the correct hygiene and absorption (Component A). 				
Key Information Sets Information (KIS)	Key Information Set - Module data				
Contact Hours	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="628 488 1326 723"> <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. <i>Current</i> advice on reading will be available via the online module reading list.</p> <p>https://uwe.rl.talis.com/lists/0D946AF3-689C-7B3C-70B2-F23747BE3208.html</p>																				

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