



MODULE SPECIFICATION

Part 1: Information			
Module Title	Binocular Vision and Paediatrics		
Module Code	UZZY4Y-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>This module will introduce students to the concept of binocularity (two eyes) and how humans utilise this type of vision. Students will learn the laws that govern monocular and binocular eye movements, the concepts of fusion, the horopter and binocular rivalry.</p> <p>The module will also cover the assessment of eye movements/ vergence using motility, spatial localisation and visual direction, stereopsis, classifications and objective or subjective measurement of eye deviations.</p> <p>Students will receive an outline knowledge of some binocular vision anomalies and their aetiology and management, plus the hospital care of binocular vision anomalies, and the appropriate referral pathways from primary to secondary care.</p> <p>Students will examine the normal and abnormal development of visual functions in infancy and childhood, myopia progression and the various treatments available, and paediatric specific pathology. Students will cover how to treat the younger patient, and will be introduced to some aspects of behavioural optometry.</p> <p>The module will typically comprise of weekly contact lectures and online learning. Students will experience a placement period at an orthoptic department or clinic.</p>

Part 3: Assessment: Strategy and Details

Component A is a 2-hour written examination in which all parts of the module may be tested. The exam will contain MCQs, SAQs, and long-answer questions.

Rationale: The focus of this module is theory; this is effectively assessed by a written examination where students can demonstrate applied knowledge by answering scenario based long-answer questions within the exam. 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, in addition to obtaining 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	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> • Demonstrate an understanding of the laws that govern eye movements, the concepts of fusion, the horopter and, spatial localisation, stereopsis and classifications of eye deviations (Component A) • Describe the aetiology and management of some binocular vision anomalies (Component A) • Explain the normal development of visual functions, and how to manage abnormal developments (Component A) • Alter their normal practise to treat younger patients safely and effectively (Component A) 	

Key Information Sets Information (KIS)	<p style="text-align: center;"><u>Key Information Set - Module data</u></p> <p style="text-align: center;"><i>Number of credits for this module</i> 15</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Hours to be allocated</th> <th style="width: 20%;">Scheduled learning and teaching study hours</th> <th style="width: 20%;">Independent study hours</th> <th style="width: 20%;">Placement study hours</th> <th style="width: 30%;">Allocated Hours</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">150</td> <td style="text-align: center;">36</td> <td style="text-align: center;">76.5</td> <td style="text-align: center;">37.5</td> <td style="text-align: center;">150</td> </tr> </tbody> </table>	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	150	36	76.5	37.5	150
Hours to be allocated		Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours						
150	36	76.5	37.5	150							
Contact Hours											
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" style="width: 100%; border-collapse: collapse; margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: left;">Total assessment of the module:</th> </tr> </thead> <tbody> <tr> <td style="width: 80%;">Written exam assessment percentage</td> <td style="text-align: center;">100%</td> </tr> <tr> <td>Coursework assessment percentage</td> <td style="text-align: center;">0%</td> </tr> <tr> <td>Practical exam assessment percentage</td> <td style="text-align: center;">0%</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> </tbody> </table>	Total assessment of the module:		Written exam assessment percentage	100%	Coursework assessment percentage	0%	Practical exam assessment percentage	0%		100%
Total assessment of the module:											
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	100%										
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/B3DA811D-858B-76B1-E5E7-CD848DFF7698.html</p>										

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