



MODULE SPECIFICATION

Part 1: Information			
Module Title	Investigative Techniques		
Module Code	UZZY4U-15-1	Level	1
For implementation from	September 2018		
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 cover methods of anterior and posterior eye examination and procedures for determining visual function, such as visual acuity, colour vision and contrast sensitivity. It will also cover the theory of, and examination with, instrumentation for anterior and posterior eye evaluation (direct and indirect ophthalmoscopy)</p> <p>The module will introduce students to the mechanisms of a slit lamp biomicroscope and will enable students to use a variety of techniques to assess the ocular health.</p> <p>The physiology of the visual pathway will be included and students will be exposed to some basic visual pathway anomalies. Non-contact tonometry will also be introduced, and students will be shown how to use a selection of non-contact instruments to measure the intraocular pressure.</p> <p>Biomedical research will form the latter part of the module – students will learn how to critically appraise research, particularly instrumentation validation, and the ethical dilemmas that present with biomedical research.</p> <p>This module will typically be delivered by weekly contact lectures, group work sessions and practical sessions.</p>

Part 3: Assessment: Strategy and Details


Component A: Structured Oral and Practical Examination (maximum 1 hour)

Rationale: This will assess all aspects of the module ensuring that student's practical ability (such as slit lamp techniques, indirect ophthalmoscopy and non-contact tonometry) will be assessed and underpinned by sound knowledge of the principles and research considerations through a combination of practical tasks and oral questioning.

Formative assessment: Students, in addition to practical skills sessions, will complete in-class tests and have the opportunity to receive formative feedback during module activities from both peers and tutors.

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. Structured Oral and Practical Examination (maximum 1 hour)	100%	
Resit (further attendance at taught classes is not required)		
Component A (controlled conditions) Description of each element	Element weighting	
1. Structured Oral and Practical Examination (maximum 1 hour)	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"> • Measure and assess visual function of patients of any age with appropriate tests and techniques (component A) • Demonstrate a variety of slit lamp techniques, and indirect ophthalmoscopy methods using hand-held and head-mounted instruments (component A) • Describe the visual pathway and some basic anomalies occurring in the pathway and use a variety of non-contact tonometry instruments (component A) • Demonstrate an understanding of the various methods and ethics used in biomedical research and statistical methods used to evaluate ophthalmic instrumentation (component A) 										
Key Information Sets Information (KIS) Contact Hours	<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%; text-align: center;"> <thead> <tr> <th>Hours to be allocated</th> <th>Scheduled learning and teaching study hours</th> <th>Independent study hours</th> <th>Placement study hours</th> <th>Allocated Hours</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>60</td> <td>90</td> <td>0</td> <td>150</td> </tr> </tbody> </table> <div style="text-align: right; margin-top: 10px;">  </div>	Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours	150	60	90	0	150
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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="632 495 1323 719"> <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>0%</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>100%</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		0%		Coursework assessment percentage		0%		Practical exam assessment percentage		100%					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/76F74082-1007-ABA0-D816-D48BCED5218B.html</p>																				

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