



MODULE SPECIFICATION

Part 1: Information			
Module Title	Medical Retina Studies		
Module Code	UZZY5B-30-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Health & Applied Sciences	Field	Allied Health Professions
Department	HAS Dept of Allied Health Professions		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Overview: This optional module provides students with an in-depth knowledge of common medical retina conditions.</p> <p>Educational Aims: See Learning Outcomes.</p> <p>Outline Syllabus: This module includes topics covering screening, referral and treatment pathways, with an emphasis on optical coherence tomography (OCT) interpretation and diabetic retinopathy grading.</p> <p>The module will enable students to make accurate and appropriate referral decisions for patients with medical retina conditions and will prepare students for working under supervision in medical retina new patient triage clinics and age-related macular degeneration (AMD) treatment-retreatment clinics once they are qualified.</p> <p>This module will also introduce and prepare students for working in photography based diabetic retinopathy screening services once they become qualified optometrists.</p> <p>Teaching and Learning Methods: The module will typically be delivered primarily via online lectures, practical classes, face-to-face lectures and a placement period at a medical retina or specialist clinic.</p>

STUDENT AND ACADEMIC SERVICES

Part 3: Assessment

Component A will be a Portfolio of Clinical Skills assessed via OSCEs where students will be evaluated in their ability to detect, classify and make appropriate management decisions for a variety of patients with retinal or macular pathology.

Rationale: This component will assess the practical elements of the module and ensure students are able to perform appropriate techniques and diagnose/ manage patients effectively.

Component B will be an online open book exam, with a 24 hour window for completion, utilising a range of exam question types, to include short answer and long answer questions.

Rationale: This will assess all theoretical aspects of the module and allow students to demonstrate their ability to use their knowledge laterally. This will allow students to be assessed efficiently on factual knowledge as well as exploring more depth and application through longer answers.

Formative assessment will include quizzes and formative feedback throughout the module run and its activities.

First Sit Components	Final Assessment	Element weighting	Description
Practical Skills Assessment - Component A	✓	60 %	Portfolio of Clinical Skills
Examination (Online) - Component A		40 %	Online examination (24 hours)
Resit Components	Final Assessment	Element weighting	Description
Practical Skills Assessment - Component A	✓	60 %	Portfolio of clinical skills
Examination (Online) - Component A		40 %	Online examination (24 hours)

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Demonstrate a detailed knowledge of the anatomy, physiology and pathophysiology of the retina, with emphasis on the macula	MO1
	Demonstrate an understanding of the risk factors and differential diagnosis of disorders of acute and chronic retinal and macular pathology, and be able to detect and classify diabetic retinal disease	MO2
	Conduct appropriate tests and make appropriate referrals (with an awareness of current national and local referral guidelines), clearly stating the level of urgency, and understand the various treatments of medical retinal disorders including the patient's response to treatment	MO3
	Interpret OCT images and fundus photographs for AMD and diabetic retinopathy, with appropriate patient management	MO4
	Evaluate the use of fluorescein, ICG angiography and autofluorescence in medical retina service delivery	MO5
	Develop their understanding of diabetes and appraise the principles, processes, protocols, potential benefits and limitations of a national diabetic retinopathy screening programmes	MO6

STUDENT AND ACADEMIC SERVICES

Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	142.5
	Total Independent Study Hours:	142.5
	Placement Study Hours:	
	Placement	37.5
	Total Placement Study Hours:	37.5
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	120
	Total Scheduled Learning and Teaching Hours:	120
	Hours to be allocated	300
	Allocated Hours	300
	Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/index.html</p>

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Optometry [Sep][FT][Glenside][3yrs] BSc (Hons) 2018-19