

Evidence-Based Optometry II

Module Code:	OPT6013-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Optometry and Vision Science
Subject Area:	Optometry
FHEQ Level:	FHEQ Level 6
Module Leader:	Professor Marina Bloj

Additional Tutors:

Dr Alison Alderson, Dr James Gilchrist, Professor Brendan Barrett, Miss Catherine Viner, Dr Ian Pacey, Dr William McIlhagga, Professor David Elliott, Dr James Heron, Dr Annette Parkinson, Professor Edward Mallen, Dr Matthew Cufflin, Dr Graham Mouat, Dr Christopher Davey, Dr Andrew Logan

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	14
Tutorials	6
Directed Study	179
Examinations DO NOT USE	1

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To develop a deep knowledge and understanding of an assigned topic within optometry and vision science. To develop a critical appreciation of relevant primary literature sources, clinical and experimental studies and how they are enhancing our understanding of the

topic. Provide an opportunity to further develop discipline specific and personal transferable skills.

Outline Syllabus

Initial lectures will explain to the students what is required of them in this module. Students will employ workshops, independent learning and self-organised group work as well as scheduled seminar sessions to prepare an oral presentation, answer questions and discuss a specialist topic. Students will be expected to use library catalogues and electronic databases for literature searching and to clearly convey information and results in detail, both in a presentation and when answering questions. Students should be aware of the principles and applications of scientific enquiry, and the research process. Description of Assessment: Continual assessment documented in PebblePad workbook, an oral presentation (journal club-style presentation) on one primary source and a viva voce examination to assess knowledge, understanding of the whole topic and critical evaluation of all 4 key references.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Critically appraise an area of scientific research in optometry and vision science.
- 2 Evaluate primary literature sources relating to a selected topic.
- 3 Present and discuss scientific information in the form of an oral presentation and viva voce.
- 4 Demonstrate effective communication, with correct use of subject-specific terminology.
- 5 Evaluate and discuss in detail published scientific data.
- 6 Recognise the need for effective management of workload, resources and work successfully to a deadline.
- 7 Demonstrate personal responsibility for self-directed learning and time management.

Learning, Teaching and Assessment Strategy

Development of knowledge, understanding and critical appreciation will be self-directed and facilitated via the VLE, PebblePad and seminar activities. Group work will be encouraged and facilitated through seminar sessions. An introductory set of lectures and workshops on general principles of presentation and literature searching will be presented. You will be supported through seminar sessions with academic staff with specialist knowledge of the selected topic of study. Small groups of students will receive a briefing on the topic by an individual member of staff. You will then be expected to research the topic independently and/or in your group to develop your knowledge and understanding of it, and determine what the latest developments in the field are. Four key references will be provided and you will be expected to critically evaluate the work presented in them, and determine the contribution each has made to the overall topic, with support where necessary from the

academic staff member.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Presentation	Oral presentation on a published research paper (10 minutes)	10 minutes	35%	Yes
Referral	Presentation	Oral presentation on a published research paper (10 minutes)	10 minutes	40%	No
Summative	Examination - oral/viva voce	Viva voce exam (15-20 minutes)	0 hours	55%	No
Referral	Examination - oral/viva voce	Viva voce exam (15-20 minutes)	0 hours	60%	No
Summative	Coursework	Continual assessment documented in seminar logbook provided via Blackboard/PebblePad	0 hours	10%	No

Legacy Code (if applicable)

OP-0612L

Reading List

To view Reading List, please go to [rebus:list](#).