UNIVERSITY of BRADFORD

Module Descriptor

Module Details	
Module Title	Evidence-Based Optometry II
Module Code	OPT6013-B
Academic Year	2021/2
Credits	20
School	School of Optometry and Vision Science
FHEQ Level	FHEQ Level 6

Contact Hours	
Type	Hours
Lectures	16
Tutorials	6
Interactive Learning Objects	14
Directed Study	164

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Academic Year

Module Aims

The aim of this module is to continue your development into autonomous learners as well as further enhancing your critical thinking, team-work and presentation skills. You will undertake self-directed study in an area of current research in Optometry and/or Vision Science. You will be supported by a series of mandatory taught sessions including lectures, workshops and tutorials as well as a voluntary 1-to-1 session with your topic leader. These may be delivered online and include synchronous and asynchronous elements. We also expect you to attend other academic skills workshops and clinics as needed and organise further meetings with your group classmates.
You will work in the same groups of students you do for your clinical rotas with the support of an academic supervisor (topic leader). As a group you will attend 3 scheduled meetings with your seminar leader (tutorials) and are also expected to independently organise further study group meetings with your team members. These meetings and tutorials might be via teleconference or face-to-face, as appropriate. In advance of each scheduled tutorial, you will need to complete some written preparation via PebblePad and after each seminar write a reflection (Learning Object Interaction). Your topic leader will provide you with personalised feedback on this writing and your performance during tutorials via PebblePad. You have the option of an additional 1 to 1 session with your topic leader towards the end of semester 2. Your topic leader has selected several themed papers that will be distributed to the group members via Canvas and you will each be assigned a research paper to study in detail but will need to have read all papers and additional material to successfully complete the 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 tutorial sessions to prepare an oral presentation, answer questions and discuss a specialist topic. These may be delivered online and include synchronous and asynchronous elements. Students will make best use of resources provided via Canvas, PebblePad and other University approved platforms. 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. The oral presentation and viva voce might be via teleconference or face-to-face, as appropriate.

Learning Outcomes	
Outcome Number	Description
01	Critically appraise an area of scientific research in optometry and vision science.
02	Evaluate primary literature sources relating to a selected topic.
03	Present and discuss scientific information in the form of an oral presentation and viva voce.
04	Demonstrate effective communication, with correct use of subject-specific terminology.
05	Evaluate and discuss in detail published scientific data.
06	Recognise the need for effective management of workload, resources and work successfully to a deadline.
07	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 Canvas, PebblePad and tutorial activities. Group work will be encouraged and facilitated through tutorial sessions, via teleconference or face-to-face, as appropriate. An introductory set of lectures and workshops on general principles of presentation and literature searching will be presented face-to-face or online if needed. You will be supported through tutorial sessions with academic staff with specialist knowledge of the selected topic of study. Small groups of students will receive 3 briefings on the topic by an individual member of staff, this might be via teleconference or face to-face, as appropriate. 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	Weighting
Summative	Coursework	Continual assessment documented in seminar logbook provided via /PebblePad	10%
Summative	Presentation	Oral presentation on a published research paper (10 minutes)	35%
Summative	Examination - oral/viva voce	Viva voce exam (15-20 minutes)	55%
Referral	Presentation	Oral presentation on a published research paper (10 minutes)	40%
Referral	Examination - oral/viva voce	Viva voce exam (15-20 minutes)	60%

Reading List

To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:
This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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