

| Module Details         |                                        |
|------------------------|----------------------------------------|
| <b>Module Title:</b>   | Evidence-Based Optometry II            |
| <b>Module Code:</b>    | OPT6013-B                              |
| <b>Academic Year:</b>  | 2019-20                                |
| <b>Credit Rating:</b>  | 20                                     |
| <b>School:</b>         | School of Optometry and Vision Science |
| <b>Subject Area:</b>   | Optometry                              |
| <b>FHEQ Level:</b>     | FHEQ Level 6                           |
| <b>Pre-requisites:</b> |                                        |
| <b>Co-requisites:</b>  |                                        |

| Contact Hours  |       |
|----------------|-------|
| Type           | Hours |
| Lectures       | 14    |
| Tutorials      | 6     |
| Directed Study | 180   |

| Availability |                                                     |
|--------------|-----------------------------------------------------|
| 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.

### Learning Outcomes

|   |                                                                                                         |
|---|---------------------------------------------------------------------------------------------------------|
| 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 |
|-----------|------------------------------|--------------------------------------------------------------|------------|-----------|
| Summative | Presentation                 | Oral presentation on a published research paper (10 minutes) | 10 minutes | 35%       |
| Referral  | Presentation                 | Oral presentation on a published research paper (10 minutes) | 10 minutes | 40%       |
| Summative | Examination - oral/viva voce | Viva voce exam (15-20 minutes)                               | 0 hours    | 55%       |

|           |                              |                                                                                      |         |     |
|-----------|------------------------------|--------------------------------------------------------------------------------------|---------|-----|
| Referral  | Examination - oral/viva voce | Viva voce exam (15-20 minutes)                                                       | 0 hours | 60% |
| Summative | Coursework                   | Continual assessment documented in seminar logbook provided via Blackboard/PebblePad | 0 hours | 10% |

### 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.*