

General and Ocular Pharmacology

Module Code:	OPT5006-B
Academic Year:	2018-19
Credit Rating:	20
School:	School of Optometry and Vision Science
Subject Area:	Optometry
FHEQ Level:	FHEQ Level 5

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	48
Laboratory	12
Directed Study	140

Availability Periods

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

Module Aims

To provide students with an introduction to the general principles of pharmacology and processes in pathology using ocular examples. To stimulate an understanding of ocular drug pharmaceuticals and their use in the primary care role of the optometrist.

Outline Syllabus

General principles of pharmacology. Factors affecting drug responses. Autonomic pharmacology. Pharmacology of the major classes of ocular drugs. Processes of general pathology. General pharmaceutical term, drug nomenclature. Preparation of signed orders for ophthalmic drugs. Diagnostic stains, drugs used in diagnostics and therapeutics. Ocular drugs used in primary optometric care. Drugs used in secondary eye care. The laws pertaining to the supply and use of ocular drugs in the U.K.

Module Learning Outcomes

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

- 1 Describe the role of pharmaceutical agents in optometric practice.
- 2 Explain the mechanisms of action of ocular drugs.
- 3 Analyse clinical information and select appropriate pharmaceutical agents.
- 4 Work together in small teams.
- 5 Improve accuracy of data recording, analysis and interpretation.

Learning, Teaching and Assessment Strategy

This module is based on a lecture series, practical sessions and computer simulation.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Laboratory Report	An electronic portfolio which provides evidence of active engagement with the practical lab sessions (PASS/FAIL)		%	No
Summative	Computerised examination	Closed book unseen MCQ computerised examination based on semester 1 + 2 material	2 hours	100%	Yes

Legacy Code (if applicable)

OP-0404L

Reading List

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