Bradford College

University of Bolton
Teaching Intensive, Research Informed

Programme Specification

Programme Title: BSc (Hons) Ophthalmic Dispensing

Awarding Institution:	University of Bolton
Teaching Institution:	Bradford College
Division and/or School/Institute:	Department - Health Sciences, Meditech and Technology School - Allied Health Professions and Digital Academy

Professional accreditation	Professional body	Professional body URL	Status of graduates
	General Optical Council (GOC)	www.optical.org	GOC registered FBDO
	Association of British Dispensing Opticians (ABDO)	www.ABDO.org.uk	

Final award(s):	Honours Degree (BSc) - Ophthalmic Dispensing
Exit or Fall back award(s)	Students are eligible for an intermediate award whilst working towards their target award. Students who do not achieve the professional body requirements and/or the minimum academic performance required for the target award shall be recommended for the conferment of a lower (intermediate) award they have achieved - ▪ a student is eligible for a **Certificate of Higher Education in Visual Science** if they successfully complete 120 credits at Level 4 but do not proceed with their studies or do not complete the academic requirements for achievement of 120 credits at Level 5. This will be an unclassified award. ▪ a student is eligible for a **Diploma of Higher Education in Visual Science** if they successfully complete 240 credits (including 120 credits at Level 4 and 120 credits at Level 5) but do not proceed with their studies or do not achieve at least 300 credits (including 120 credits at Level 4, 120 credits at Level 5 and 60 credits at Level 6). The award title of Diploma in Visual Science will be given instead of Ophthalmic Dispensing if the student does not successfully complete appropriate learning outcomes delivered and tracked in the Level 5 modules. Successful achievement of outcomes is to satisfy the General Optical Council requirements. This will be an unclassified award. ▪ a student who does not meet the full academic requirements at Level 6 is eligible for a **BSc Visual Science** if s/he achieves at least 300 credits overall, including 120 credits at Level 4 and 120 credits at Level 5 and a minimum of 60 credits at Level 6.

The award title of BSc Visual Science will be also given instead of Ophthalmic Dispensing if the student did not meet all of the General Optical Council requirements in terms of Level 6 outcomes. This will be an ordinary degree and an unclassified award.

- a student who meets the full academic requirements at Level 6 but does not meet all of the General Optical Council's requirements in terms of Level 6 outcomes is eligible for a **BSc (Hons) Visual Science**. This will be an Honours degree and will be a classified award.

In the above cases, the student will not be allowed entry onto the General Optical Council Register for Dispensing Opticians and will not be eligible to use the protected title of Dispensing Optician.

Programme title(s)	Ophthalmic Dispensing
HECoS Code	101511
University Course Code(s)	FT - code to be added by UoB
QAA Benchmark Statement(s)	The following benchmark statements apply to this programme: Optometry
Other internal and external reference points	GOC Outcomes for Dispensing Opticians ABDO Syllabus - Ophthalmic Dispensing
Language of study	English
Mode of study and normal period of study	Full-time - 3 years

Admissions criteria

Typically 64 UCAS points: Two A levels at grade 4 or C or above to include one science subject (Physics, Biology, Chemistry or Mathematics) or equivalent qualification.

Or 80 UCAS tariff points from a BTEC Extended Diploma - the equivalent of MMP.

Or 96 UCAS tariff points from an appropriate T-Level - the equivalent of a pass (A*-C).

Five GCSEs including Mathematics, English and Science at Grade C/4-5 or above.

Applications from candidates who do not fully meet these criteria but have experience in the subject area are welcomed. These applicants will follow the Bradford College Recognition of Prior Learning (RPL) and Recognition oplaf Prior Experiential Learning (RPEL) policy/procedure.

Applications from GOC registrants who have completed their programme of study and wish to progress onto the BSc degree are welcome. Such progression would be considered in line with the College RPL and RPEL policy which is based on the University's regulations and policy.

Additional criteria: Students must apply for an enhanced DBS certificate prior to attending the course.

Additional admissions matters:

On enrolment, students must have membership with ABDO and be registered with the GOC.

Fitness to practise declaration

As detailed in the College's Safeguarding policy, all students will be required to present a satisfactory enhanced Disclosure and Barring Services (DBS) certificate.

Aims of the programme

The principal aims of the programme are to:

- Provide a curriculum, informed by the GOC and the ABDO, which develops a range of technical, professional, vocational, employability, transferable and key skills appropriate to the level of the award and to the ophthalmic dispensing profession;

- Provide a broad, analytical and integrated study of ophthalmic dispensing to enhance the employability and career prospects of students;

- Develop lifelong, independent and reflective students;

- Produce graduates with the potential to apply a variety of methods, skills and creative approaches who will contribute to the skill base of the ophthalmic economy;

- Produce graduates who are ready to further their careers in ophthalmic dispensing through promotion from an existing role, or through readiness to undertake further ophthalmic specialised study;

- Develop a broad appreciation of management and legal concepts relevant to the needs of the ophthalmic industry and practice.

Distinctive features of the programme

- There are six educational establishments in total providing ophthalmic dispensing qualifications. The BSc (Hons) in Ophthalmic Dispensing provided by Bradford College complements the provision available in the other institutions by providing a comprehensive programme of study at Level 6. Students receive an academic qualification and, on successful completion of their practical examinations, a professional qualification.

- The award benefits from the industrial and academic experience of staff. Members of the Ophthalmic Dispensing programme team are employed as ABDO examiners of theory and practical examinations in addition to being External Examiners for other institutions providing ophthalmic dispensing programmes. This experience of working with the Professional Body is reflected in the currency of the programme.

- All staff on the Ophthalmic Dispensing programme team are qualified dispensing opticians and are also qualified teachers or working towards a teaching qualification.

- Bradford College has excellent links with industry and students on the BSc (Hons) in Ophthalmic Dispensing have benefitted from visiting lecturers on a regular basis. These include:

  - Hoya UK Ltd - Ophthalmic Lens Manufacturer;
  - Rodenstock - Ophthalmic Lens Manufacturer,
  - Optimum Rx - Ophthalmic Lens Manufacturer,
  - Stepper UK Ltd - Spectacle Manufacturer;
  - White Optics - Spectacle Manufacturer; and
  - Alcon - Contact Lens manufacturer.

- Lecturers from the ABDO and the GOC visit the College annually (either in person or virtually) to provide the students with information about registration and membership.

- Students are encouraged to go on an organised trip to 100% Optical. It is held at the ExCeL London exhibition and convention centre, and enables students to visit stands of optical exhibitors. Students are able to gain valuable information from leading optical companies.

- Students also visit industrial manufacturers, such as the Norville Lens Company, Hoya, and Optimum Rx, to gain valuable experience in all aspects of lens manufacturing and modern glazing. As part of their studies, students will visit an optical manufacturer to complete Case Record 51 - a compulsory part of their pre-registration portfolio, if they are working towards their pre-registration period. This is organised by the College to enable students to gain valuable experience in all aspects of lens manufacture and glazing.

- Non-assessed practical workshops timetabled at each level encourage professionalism and allow the student to prepare for the Professional Practical Qualifying examinations with ABDO. On successful completion of these examinations, graduates will be awarded the Fellowship of the Association of British Dispensing Opticians (FBDO).

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Programme learning outcomes
K. Knowledge and understanding On completion of the programme, successful students will be able to demonstrate systematic knowledge and understanding of:
K1. Current ophthalmic dispensing practice, including the impact of values, ethics and practice.
K2. Professional and legal issues relevant to employment as a Dispensing Optician.
K3. The physiological basis of the mechanisms of visual science.
K4. Areas of management, marketing and retail relevant to the role of a dispensing optician.
C. Cognitive, intellectual or thinking skills On completion of the programme, successful students will be able to demonstrate the ability to:
C1. Appraise, critically evaluate, synthesise and apply optical principles in both theory and practice.
C2. Employ critical self-reflection, intellectual flexibility and openness to new ideas and developments associated with ophthalmic dispensing.
C3. Manage independent learning activities involving research and evaluation by adopting a comprehensive range of research methods and designs appropriate to investigations in ophthalmic dispensing and management.
C4. Solve complex problems in key areas of ophthalmic dispensing and management and apply appropriate knowledge/methods for their solution.
P. Practical, professional or subject-specific skills On completion of the programme, successful students will be able to demonstrate the ability to:
P1. Apply the advanced practical skills required for employment as an autonomous Dispensing Optician.
P2. Operate legally and ethically in complex situations within the guidelines of the General Optical Council, requiring selection and application from a wide range of techniques.
P3. Analyse complex prescriptions effectively and accurately and dispense them in an appropriate, professional manner with limited supervision.
P4. Apply technical skills in the use of clinical instruments in optometric practices to assist in critically analysing clinical cases.
T. Transferable, key or personal skills On completion of the programme, successful students will be able to demonstrate the ability to:
T1. Select, apply and critically evaluate appropriate learning resources.
T2. Select and effectively employ a range of communication methods appropriate to the study or work context.
T3. Appraise factors which enhance roles within a team, team working, and which modify and evaluate personal effectiveness within the team.
T4. Select, apply and critically evaluate appropriate numerical skills associated with complex and open-ended tasks.
T5. Determine and reflect on academic, professional and personal goals.
T6. Recall, review and critically evaluate key performance indicators in work contexts and seek improvement thereof.

Programme structure

Full-time

Year 1

Semester 1	Semester 2
Theory of General Optics (20 credits)	Prescription Analysis (10 credits)
Patient-Centred Care (10 credits)	
Ophthalmic Dispensing Practice (20 credits)	
Practitioner Development (20 credits)	
Ocular Anatomy (20 credits)	
Theory of Ophthalmic Lenses (20 credits)	

Year 2

Semester 1	Semester 2
Ocular Pathology (20 credits)	Advanced Theory of Ophthalmic Lenses (20 credits)
Theory of Ophthalmic and Contemporary Dispensing (20 credits)	Assessment of Refractive Errors (10 credits)
Standards of Practice (10 credits)	Clinical Patient Management (20 credits)
Management and Leadership (20 credits)	

Year 3

Semester 1	Semester 2
The Assessment and Management of Refractive Errors (20 credits)	Ophthalmic Business and Retail (20 credits)
The Assessment and Management of Visual Impairment and Principles of Contact Lens Wear (20 credits)	General Optical Council Outcomes (Zero credits)
Advanced Ophthalmic Dispensing Practice (20 credits)	
Research Project (40 credits)	

Module Code	Module title	Core/ Option (C/O)	Credits	Length (1, 2 or 3 periods)
TBC	Patient-Centred Care	C	10	1
TBC	Theory of General Optics	C	20	1
TBC	Ocular Anatomy	C	20	2
TBC	Prescription Analysis	C	10	1
TBC	Ophthalmic Dispensing Practice	C	20	2
TBC	Theory of Ophthalmic Lenses	C	20	2
TBC	Practitioner Development	C	20	2
TBC	Ocular Pathology	C	20	1
TBC	Theory of Ophthalmic and Contemporary Dispensing	C	20	1
TBC	Clinical Patient Management	C	20	1
TBC	Advanced Theory of Ophthalmic Lenses	C	20	1
TBC	Standards of Practice	C	10	1
TBC	Assessment of Refractive Errors	C	10	1
TBC	Management and Leadership	C	20	2
TBC	Research Project	C	40	2
TBC	The Assessment and Management of Refractive Errors	C	20	1
TBC	The Assessment and Management of Visual Impairment and Principles of Contact Lens Wear	C	20	1
TBC	Ophthalmic Business and Retail	C	20	1
TBC	Advanced Ophthalmic Dispensing Practice	C	20	2
TBC	General Optical Council Outcomes	C	Zero	1

Learning and teaching strategies

The teaching and learning approaches of the programme reflect the aims of the College's Learning, Teaching and Assessment Strategy and relevant University strategies and are designed to enable students to achieve the aims and learning outcomes of the programme. The provision of opportunities for the integration of theory and practice and an evaluative approach to ophthalmic dispensing are essential components of this strategy. The strategy also provides opportunities for the progressive development of independent learning skills.

A range of methods is used to promote student learning including formative assessment, with feedback to students on graded work which provides guidance on improving future performance. Detailed feedback forms, oral feedback on coursework and examinations and advisory tutorials are all used.

The effectiveness of this strategy is further strengthened and developed with the use of a range of teaching and learning strategies used throughout the programme including the following:

- Small group discussions;
- Seminars, tutorials and practical sessions;
- Group work;
- Self-directed learning;
- Independent and group projects;

- Lectures;
- VLE-based exercises;
- Presentations; and
- Workshops.

Students will be expected to engage in reflective activity at all levels of the programme, learning how to engage in reflection on - and in - practice. Students will additionally be expected to undertake a range of personal reading from sources provided on the VLE and through library-based research.

The curriculum and teaching styles employed by staff are designed to encourage and facilitate active participation by students. Students are encouraged to use a wide range of materials drawn from various sources to enhance their achievement for example: case studies, on-line resources, internet.

BSc (Hons) Ophthalmic Dispensing students will undertake an assessed Practitioner Development module, underpinned by practice related learning, during Level 4 of the programme. Students are encouraged to find work in practice with the inclusion of a placement in this module. However, those who are unable to find a placement will develop their skills in a simulated practice environment under the supervision of a member of the programme team who is an experienced and professionally qualified Dispensing Optician. The students build a portfolio of evidence to record their experiences on the Practitioner Development module and reflect on their strengths and weaknesses.

During the Practitioner Development module, students will gain experience of working with a range of patients. During simulated practice, students will develop their dispensing and clinical skills and reflect upon and evaluate their experiences. This will be supported by contemporaneous feedback from lecturers.

The BSc (Hons) Ophthalmic Dispensing students will experience all aspects of the vocation during their progression through the modules and levels of the programme. Initial skills developed at Level 4 - incorporating reflection on professional practice, are enhanced as the students progress. The early modules link to Level 5, where modules such as Clinical Patient Management and Management and Leadership incorporate critical reflection on their practice and progress throughout. These skills are further developed in the final year where Ophthalmic Business and Retail consolidates the practical skills required to be a Dispensing Optician with a focus on business.

As this is a vocational programme, the intended learning outcomes are focussed on the GOC Outcomes for Registration, these describe the expected knowledge, skills and behaviours a Dispensing Optician must have at the point they qualify and enter the GOC's register. These outcomes are tracked throughout the programme using a non-credit bearing, must pass module to support the students' development of practitioner skills and professional attributes.

The use of visiting speakers from industry or practice has further strengthened the relationship between the ophthalmic dispensing programme and the workplace, ensuring students are informed of current practice and developments.

In line with College policy, the classroom practice of teachers is subject to regular and systematic management and peer observation. Teachers receive feedback on their practice

and are encouraged to reflect upon ways in which their pedagogic skills can be further developed. Increasingly, the outcomes of this activity are fed back into departmental development planning, e.g. provision of relevant staff development sessions on teaching and learning and attendance at external conferences and events.

Learning activities (KIS entry)

Course Year	HE4	HE5	HE6
Scheduled learning and teaching activities	32%	30%	29%
Guided independent study	66.5%	70%	71%
Placement	1.5%	0%	0%

Assessment strategy

The programme specific approach to assessment follows University regulations ensuring a robust standard of practice and enables students to constructively use assessment to promote their own learning and achievement. Assessment procedures are rigorously monitored internally and externally to ensure they are valid and reliable. Comprehensive information is relayed to students in the programme handbook/specification, module handbooks/ specifications, teaching programmes, tutorials, and at induction.

Information is posted on programme notice boards, the VLE and can be sent to individual students by e-mail and/or MS Teams.

The programme follows all requirements of the new ABDO syllabus resulting from the GOC ESR.

All assessments follow current ABDO and GOC requirements, including practical and theoretical assessments based on the GOC outcomes.

A diverse range of assessment methods enables students to demonstrate effectively the range of learning outcomes on the programme. These methods are agreed at validation, which incorporates a degree of internality and externality, and are reviewed regularly to account for student views and workload, feedback from external examiners and the changing needs of the programme and the industry. The range of methods employed includes vivas, portfolios, VLE-based questions and a greater diversity in the types of practical assessments completed under controlled conditions.

Student performance is rigorously assessed with students receiving written and oral formative and summative feedback.

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Assignment briefs use an appropriate scenario that reflects the professional and technical skills required by the industry.

Group work is used to promote transferable skills in appropriate modules and this group work forms part of the formative and summative assessment and feedback processes.

Communication skills are developed through a range of delivery methods including presentation, demonstration, report, essay and discussion.

Assessment methods (KIS entry)

Course Year	HE4	HE5	HE6
Written exams	35.5%	18%	15%
Coursework	35.5%	32%	35%
Practical	29%	50%	50%

Assessment regulations

Assessment Regulations for Undergraduate Programmes apply to this programme.

Regulations can be found at:

https://www.bolton.ac.uk/student-policy-zone/

Grade bands and classifications

Degree

Grade	Mark
Third	40 - 49%
Lower Second	50 - 59%
Upper Second	60 - 69%
First	≥70%

Role of external examiners

External examiners are appointed for all programmes of study. They oversee the assessment process and their duties include: approving assignment briefs, viewing assessed samples of work with corresponding feedback/feed forward, reviewing assessment marks, attending assessment boards and reporting to the University on the assessment process.

Support for student learning

Induction comprises a full programme of events designed to welcome the students to the College and make them familiar with their new surroundings. The process of establishing effective relationships between students and the teaching team begins at this point and activities are geared towards establishing and promoting a cohort identity. All students are provided with a Student and Programme Handbook and supported in gaining access to on-line resources.

At induction, all students are provided with a library-user education programme involving a general introduction to the library and the use of electronic information sources.

Students are informed at induction of the College Central Services offering the following:

- Confidential counselling services;
- Careers guidance;
- Financial advice;
- The enrichment programme (leisure, sport etc.);
- Accommodation advice;
- Childcare;
- Health service;
- Support for disabled students;
- Multi-faith support.

Students enrolled on the BSc (Hons) Ophthalmic Dispensing have access to the College's Virtual Learning Environment. Appropriate information relating to lecture notes, revision questions, quizzes and links to related websites is available across all modules.

Students have access to the main David Hockney Library where a comprehensive range of resources is available, along with a smaller library provision based in the Advanced Technology Centre. The Subject Specific Ophthalmic Dispensing Librarian at the College liaises closely with teaching staff and with students to ensure regular monitoring and updating of resources.

Other areas of student support include:

- English and Maths workshops;
- Information and Communication Technology facilities throughout the College.

Programme Level

Each student on the programme will have a named tutor available for support throughout the academic year. A tutorial system is in place to provide academic and pastoral support to all

students. Tutors are available on both a walk-in and by appointment basis. Tutors are also contactable via e-mail, MS Teams and the VLE.

Students will elect a student as programme representative who will be able to raise issues of behalf of individuals or the whole cohort to the programme/module leaders at Programme Committee meetings.

The Ophthalmic Dispensing area is equipped with specialist equipment that reflects the standards currently required by industry and the equipment is reviewed annually.

Talks presented by the professional bodies and external speakers from industry enhance the learning resources made available to students.

The staff operate a series of additional lectures and workshops in preparation for the Association of British Dispensing Opticians (ABDO) practical examinations and tutors are available to offer support and guidance to students.

Methods for evaluating and enhancing the quality of learning opportunities

- Student Experience Surveys (post-induction and end of year).
- National Student Survey (NSS).
- Student module evaluations.
- Tutor module evaluations.
- Annual programme monitoring and evaluation reports - including analysis of key performance indicators e.g. admissions, retention, achievement, degree classifications, employment destinations, etc.
- Peer review of learning, teaching and assessment.
- Student staff liaison through Programme Committee meetings.
- External Examiners reports.
- Module/programme exam boards.

Other sources of information

- Bradford College website: https://www.bradfordcollege.ac.uk/
- HE Student Handbook: https://www.bradfordcollege.ac.uk/wp-content/uploads/2022/09/180057-BC-HE-STUDENT-Handbook-2022-A4.pdf
- College Regulations: https://www.bradfordcollege.ac.uk/help/knowledge-base/academic-regulations/
- VLE - Moodle: https://moodle.bradfordcollege.ac.uk/
- Student Portal: https://learnerportal.bradfordcollege.ac.uk/
- Students' Union: https://www.bradfordcollegesu.co.uk/
- External Examiners reports: https://moodle.bradfordcollege.ac.uk/mod/book/view.php?id=302018&chapterid=7993
- Library Services: https://www.bradfordcollege.ac.uk/help/knowledge-base/library-services/
- College careers advice: https://www.bradfordcollege.ac.uk/about-us/careers-advice/

Document control	
Author(s)	Paula Perrott/Jane Timms
Approved by:	
Date approved:	
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Learning Outcomes Map *(D - Developed; T - Taught; A - Assessed)*

Level 4

Module title	Module Code	Status C/O	K1	K2	K3	K4	C1	C2	C3	C4	P1	P2	P3	P4	T1	T2	T3	T4	T5	T6
Patient-Centred Care	TBC	C	TDA			TDA	TD	TDA	TDA						TD	TDA	TD			
Theory of General Optics	TBC	C	TDA				TDA			TD								D		TDA
Ophthalmic Dispensing Practice	TBC	C	TDA			TD	TDA			TD	TDA			TDA						
Theory of Ophthalmic Lenses	TBC	C	TDA				TDA		TD										TDA	
Ocular Anatomy	TBC	C	TDA		TDA		TD		TD											
Practitioner Development	TBC	C	TDA	TDA		TD		TD				TDA				TD				
Prescription Analysis	TBC	C	TDA	TDA		TD	TDA	TD	TD	TDA	TD	TD	TDA					TDA	TD	

K. Knowledge and understanding   P. Practical, professional and subject specific skills C. Cognitive, Intellectual and thinking skills   T. Transferable, key or personal skills

Level 5

Module title	Module Code	Status C/O	K1	K2	K3	K4	C1	C2	C3	C4	P1	P2	P3	P4	T1	T2	T3	T4	T5	T6
Ocular Pathology	TBC	C	TDA	TDA	TDA			TDA	TD			TDA			TD		D			
Management and Leadership	TBC	C	TDA	TDA		TDA		TD	TDA	TDA					TDA		TDA			TDA
Clinical Patient Management	TBC	C	TDA	TDA		TD	TD				TDA			TDA						
Advanced Theory of Ophthalmic Lenses	TBC	C	TDA				TDA			TDA	TD			TDA	TD				TDA	
Assessment of Refractive Errors	TBC	C	TD	TD			TDA				TDA		TD	TDA						
Theory of Ophthalmic and Contemporary Dispensing	TBC	C	TDA	TDA	TD	TD	TDA	TD	TD	TD	TDA		D	TD			TD	TD	TD	TD
Standards of Practice	TBC	C	TDA	TDA		TDA		D	TD	TDA		TDA				TDA	TD			

K. Knowledge and understanding   P. Practical, professional and subject specific skills C. Cognitive, Intellectual and thinking skills   T. Transferable, key or personal skills

Level 6

Module title	Module Code	Status C/O	K1	K2	K3	K4	C1	C2	C3	C4	P1	P2	P3	P4	T1	T2	T3	T4	T5	T6
Research Project	TBC	C	TDA	TDA	TD	TDA	DA	TD	TDA	TDA		TD			TDA	TD	TD	DA	D	TDA
The Assessment and Management of Visual Impairment and Principles of Contact Lens Wear	TBC	C	TDA	TDA	TDA	TD	TDA	TDA	TDA	TDA			TDA	TD						
The Assessment and Management of Refractive Errors	TBC	C	TDA	TD	TDA		TDA	TD	TD	TDA				TD				TDA		
Ophthalmic Business and Retail	TBC	C	DA	TDA		TDA		TDA	TDA	TDA					TDA		TDA		TD	TDA
Advanced Ophthalmic Dispensing Practice	TBC	C	TDA	TD			TDA		TD	TDA	TDA		TD	TDA						
General Optical Council Outcomes*	TBC	C	A	A	A	A	A	A (7.1)	A (7.4)	A	A	A	A	A	A	A	A	A	A (7.4)	A

* This module involves no new learning outcomes for students. The assessment of GOC outcomes takes place via all other modules on the programme and this row highlights which learning outcomes link to GOC outcomes that will then be recorded on this module's tracking sheet which is completed by members of the teaching team - not students - to collate student achievement of these GOC outcomes across the other modules.

K. Knowledge and understanding   P. Practical, professional and subject specific skills C. Cognitive, Intellectual and thinking skills   T. Transferable, key or personal skill

Module Listing and Assessments Map

Module title	Module Code	New ? ✔	Level	Credits	Type	Core/Option /Elective C/O/E	Pre-requisite Module	Assessment 1			Assessment 2		
								Assessment type	Assessment %	Add Y if final item	Assessment type	Assessment %	Add Y if final item
Theory of General Optics			4	20	Standard	Core	None	Examination	100	Y			
Theory of Ophthalmic Lenses			4	20	Standard	Core	None	Examination	75	Y	Multiple Choice Questions	25	
Ophthalmic Dispensing Practice			4	20	Practical	Core	None	Tracking Sheet	100	Y			
Ocular Anatomy			4	20	Standard	Core	None	Multiple Choice Questions	25		Examination	75	Y
Practitioner Development		✔	4	20	Standard	Core	None	Portfolio of tasks	100	Y			
Prescription Analysis			4	10	Standard	Core	None	Written academic piece	75		Oral examination	25	Y
Patient-Centred Care			4	10	Standard	Core	None	Written academic piece	75		Oral examination	25	Y

Module title	Module Code	New? ✓	Level	Credits	Type	Core/Option /Elective C/O/E	Pre-requisite Module	Assessment 1			Assessment 2		
								Assessment type	Assessment %	Add Y if final item	Assessment type	Assessment %	Add Y if final item
Advanced Theory of Ophthalmic Lenses			5	20	Standard	Core	None	Examination	75	Y	Multiple choice questions	25	
Ocular Pathology			5	20	Standard	Core	None	Examination	50	Y	Station Exams	50	
Assessment of Refractive Errors		✔	5	10	Standard	Core	None	Tracking sheet	100	Y			
Management and Leadership		✔	5	20	Standard	Core	None	Written academic piece	100	Y			
Clinical Patient Management		✔	5	20	Standard	Core	None	Station Exams	75		Oral examination	25	Y
Theory of Ophthalmic and Contemporary Dispensing		✔	5	20	Standard	Core	None	Portfolio of tasks	50		Written academic piece	50	Y
Standards of Practice			5	10	Standard	Core	None	Written academic piece	75		Oral examination	25	Y

Module title	Module Code	New? ✓	Level	Credits	Type	Core/Option /Elective C/O/E	Pre-requisite Module	Assessment 1 Assessment type	Assessment %	Add Y if final item	Assessment 2 Assessment type	Assessment %	Add Y if final item
Research Project			6	40	Dissertation	Core	None	Research Proposal	10		Research Project	90	Y
The Assessment and Management of Refractive Errors		✓	6	20	Standard	Core	None	Multiple choice questions	25		Examination	75	Y
The Assessment and Management of Visual Impairment and Principles of Contact Lens Wear		✓	6	20	Standard	Core	None	Portfolio of tasks	50		Written academic piece	50	Y
Ophthalmic Business and Retail			6	20	Standard	Core	None	Portfolio of tasks	100	Y			
Advanced Ophthalmic Dispensing Practice		✓	6	20	Practical	Core	None	Tracking sheet	100	Y			
General Optical Council Outcomes*		✓	6	0	Standard	Core	None	Tracking Sheet	100	Y			

* This module involves no additional work at all for students. The assessment of outcomes takes place via all other core modules on the programme. The tracking sheet linked to this module will be completed by members of the teaching team not students to collate student achievement of these outcomes across the other modules.