Course Specification

Course Summary Information		
1	**Course Title**	1. MSc in Endoscopy (Oesophago-gastroduodenoscopy) 2. Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy) 3. Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)
2	**Course Code**	1. PT1868 2. PT1869 3. PT1870
3	**Awarding Institution**	Birmingham City University
4	**Teaching Institution(s)** (if different from point 3)	Birmingham City University
5	**Professional Statutory or Regulatory Body (PSRB) accreditation** (if applicable)	Not Applicable

6	**Course Description**
	Birmingham City University is proud to offer the first dedicated postgraduate award pathways in Clinical Endoscopy. Available at Postgraduate Certificate (PGCert), Postgraduate Diploma (PGDip), and Master's (MSc) levels, these programmes have been specifically designed for Clinical Endoscopists and Trainee Clinical Endoscopists. These innovative courses have been developed to support your professional development as a healthcare practitioner working within the field of upper gastrointestinal endoscopy. The courses are designed for healthcare professionals working within endoscopic investigation, including nurses and allied health professionals. These courses will prepare you to meet the growing demand for high-quality diagnostic and therapeutic endoscopy services within the NHS. Nationally and locally, endoscopy services continue to experience significant pressures related to increasing waiting lists and workforce shortages. The Richards Review identified the expansion of the diagnostic workforce as essential to improving timely patient access to investigations and treatment (Richards, 2020). Through these courses, you will develop the knowledge, advanced clinical skills, and professional competencies required to care for patients across the entire endoscopy pathway. This includes developing your understanding of gastrointestinal physiology, pathology, disease management, and the wider skills required for advanced clinical practice. The courses are delivered through blended learning, combining online and in-person teaching in line with the University's learning and teaching strategy. Alongside clinically focused modules, you will also study modules designed to enhance your understanding of research, quality improvement, and leadership, supporting your ongoing professional and clinical development.

7	Course Awards		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	1. MSc in Endoscopy (Oesophago-gastroduodenoscopy) 2. Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy) 3. Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)	Level 7 Level 7 Level 7	180 credits 120 credits 60 credits
7b	**Exit Awards and Credits Awarded**		
	1. Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy) 2. Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)	Level 7 Level 7	120 credits 60 credits

8	Variation from the University Regulations
	This course has approved variations to the University's Academic Regulations. These can be accessed via the student contract page: https://www.bcu.ac.uk/student-info/student-contract

9	Delivery Patterns		
Mode(s) of Study	**Location(s) of Study**	**Duration of Study**	**Code(s)**
Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy): Part-time Blended Learning	City South/ Online	1 Year	PT1870
Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy): Part-time Blended Learning	City South/ Online	2 Years	PT1869
MSc in Endoscopy (Oesophago-gastroduodenoscopy): Part-time Blended Learning	City South/ Online	3 Years	PT1868

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/.

11	**Course Aims**
	These courses aim to: 1. Support the professional development of Clinical Endoscopists who can deliver safe, effective, patient-centred, and evidence-based care across the entire endoscopy patient journey, including the pre-, peri-, and post-procedural phases of endoscopy. 2. Develop advanced clinical knowledge, technical skills, and professional competence in diagnostic endoscopy practice. 3. Enhance critical thinking, clinical decision-making, and the application of evidence-based practice within endoscopy to improve patient safety and clinical outcomes. 4. Enable practitioners to critically appraise, apply, and incorporate current endoscopy research and evidence into endoscopy practice and service development. 5. Prepare practitioners to work autonomously and collaboratively within multidisciplinary endoscopy services. 6. Promote leadership, reflective practice, and continuous professional development within advanced endoscopy practice roles.

12a	**Course Learning Outcomes**
	MSc in Endoscopy (Oesophago-gastroduodenoscopy)
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks in the context of advanced clinical practice.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
4	Critically appraise quantitative and qualitative research concepts and methodologies relevant to endoscopy practice, demonstrating a systematic understanding of the development of focused, evidence-based research questions and the principles underpinning robust research design.
	Skills and Other Attributes
5	Utilise advanced academic skills to critically evaluate and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
6	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
7	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.
8	Formulate focused research questions with an evidence-based rationale and design ethically appropriate, methodologically rigorous research proposals relevant to contemporary endoscopy practice, applying critical analysis and scholarly communication skills.
9	Design and conduct a high-quality independent research study, demonstrating critical analysis, synthesis and evaluation of findings, to generate new insights into endoscopy, gastrointestinal management, and service improvement.
10	Critically appraise self-management and interpersonal skills (own and others) to lead teams and influence practice within endoscopy services.

12b	Level Learning Outcomes
	Upon completion of 60 credits at Level 7 / the PG Cert, students will be able to:
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
	Skills and Other Attributes
4	Utilise advanced academic skills to retrieve, critically evaluate, and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
5	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
6	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.
	Upon completion of 120 credits at Level 7 / the PG Dip, students will be able to:
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
4	Critically examine the principles and practice of the Clinical Endoscopist role within the context of advanced clinical practice.
	Skills and Other Attributes
5	Utilise advanced academic skills to retrieve, critically evaluate, and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
6	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
7	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.
8	Apply advanced clinical reasoning and decision-making in complex and uncertain situations within endoscopy practice.

13a	**Course Learning Outcomes**
	Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy)
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks in the context of advanced clinical practice.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
4	Critically appraise quantitative and qualitative research concepts and methodologies relevant to endoscopy practice, demonstrating a systematic understanding of the development of focused, evidence-based research questions and the principles underpinning robust research design.
	Skills and Other Attributes
5	Utilise advanced academic skills to retrieve, critically evaluate, and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
6	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
7	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.
8	Formulate focused research questions with an evidence-based rationale and design ethically appropriate, methodologically rigorous research proposals relevant to contemporary endoscopy practice, applying critical analysis and scholarly communication skills.
13b	**Level Learning Outcomes**
	Upon completion of 60 credits at Level 7 / the PG Cert, students will be able to:
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
	Skills and Other Attributes
4	Utilise advanced academic skills to retrieve, critically evaluate, and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
5	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
6	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.

14	**Course Learning Outcomes**
	Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)
	Knowledge and Understanding
1	Critically analyse the professional role, responsibilities, and autonomy of the Clinical Endoscopist within legal, ethical, regulatory, and organisational governance frameworks in the context of advanced clinical practice.
2	Critically appraise the evidence base underpinning clinical endoscopy practice, including consent, patient-centred communication, and professional documentation.
3	Apply advanced knowledge of anatomy, physiology, and pathophysiology to inform understanding of upper gastrointestinal endoscopy and patient management.
	Skills and Other Attributes
4	Utilise advanced academic skills to critically evaluate and apply evidence and knowledge to inform clinical decision-making in upper gastrointestinal endoscopy.
5	Undertake systematic and holistic patient assessment, integrating history taking, physical examination, and clinical data to inform safe and effective care.
6	Interpret endoscopic findings to formulate differential diagnoses and develop evidence-based management plans.

15	**Course Learning, Teaching and Assessment Strategy**
	These courses utilise a blended learning approach that combines online and in-person teaching to provide a flexible, inclusive, and professionally relevant learning experience for practitioners working within gastrointestinal endoscopy services. Teaching and learning activities are designed to support the integration of theoretical knowledge, evidence-based upper gastrointestinal endoscopy practice, and professional development within contemporary healthcare environments. A range of learning approaches will be used throughout the courses, including lectures, seminars, workshops, case-based discussions, guided learning activities, simulation, and independent study. Students will be encouraged to engage in collaborative learning, critical reflection, and the exploration of clinical practice experiences to enhance professional understanding and support the application of learning to practice. The learning and teaching strategy adopts a scaffolded approach to learning, whereby students are progressively supported to develop and apply advanced knowledge, technical gastrointestinal endoscopy skills, clinical reasoning, research awareness, and professional confidence throughout the duration of the course. Learning activities are structured to facilitate the gradual development of complexity, autonomy, and critical thinking, enabling students to build upon prior educational and clinical experience and integrate theory with practice across the pre-, peri-, and post-procedural endoscopy patient pathway. This approach supports the development of practitioners who can work effectively within multidisciplinary endoscopy services and responding to the evolving demands of gastrointestinal endoscopy practice. The courses are further supported through collaboration with the Midlands Endoscopy Training Academy (META), which provides access to specialist endoscopy education and training resources that enhance the student learning experience. META supports the development of gastrointestinal endoscopy knowledge and technical skills through access to simulation facilities, skills training opportunities, expert clinical educators, and regional endoscopy training networks. These resources support experiential learning, skills development, and the integration of academic learning with contemporary endoscopy practice. A variety of assessment methods will be used throughout the courses to evaluate academic development, professional competence, clinical understanding, and the application of knowledge to gastrointestinal endoscopy practice. Assessments are designed to support the integration of theory, evidence, and clinical decision-making while promoting critical thinking, reflective practice, and

	professional development. Formative learning activities and feedback opportunities are embedded throughout the courses to support student engagement, progression, confidence, and ongoing academic and professional development.

16	**Course Requirements**

16a

Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy) / Year 1 MSc in Endoscopy (Oesophago-gastroduodenoscopy)

Level 7:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 60 credits):

Module Code	Module Name	Credit Value
LBR7693	Introduction to Upper Gastrointestinal Endoscopy	40 credits
LBR7686	Health Assessment	20 credits

These courses recognise prior certificated learning completed at Birmingham City University (BCU) or other recognised institutions, in accordance with the University's Recognition of Prior Learning (RPL) policy. Where students have a deficit in academic credits, they may, with Course Leader approval, undertake appropriate optional modules within BCU to meet the requirements of the award.

Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy) / Year 2 MSc in Endoscopy (Oesophago-gastroduodenoscopy)

Level 7:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 80 credits):

Module Code	Module Name	Credit Value
LBR7693	Introduction to Upper Gastrointestinal Endoscopy	40 credits
LBR7686	Health Assessment	20 credits
LBR7339	Research Methods of Enquiry	20 credits

These courses recognise prior certificated learning completed at Birmingham City University (BCU) or other recognised institutions, in accordance with the University's Recognition of Prior Learning (RPL) policy. Where students have a deficit in academic credits, they may, with Course Leader approval, undertake appropriate optional modules within BCU to meet the requirements of the award.

In order to complete this course a student must successfully complete at least 40 credits from the following indicative list of OPTIONAL modules or other available postgraduate courses within Birmingham City University, subject to approval by the Course Lead and course team:

Module Code	Module Name	Credit Value
LBR7630*	Principles of Prescribing for Healthcare Professionals	40 credits
LBR7692	Profiling learning from prior experience	20 credits
LBR7585	Coaching and Supervising in Healthcare	20 credits
LBR7643	Writing for Academic Publication	20 credits

***** For non-medical prescribing, where applicable, the admission requirements for this course are stated on the course page of the BCU website.

MSc in Endoscopy (Oesophago-gastroduodenoscopy)

Level 7:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 140 credits):

Module Code	Module Name	Credit Value
LBR7693	Introduction to Upper Gastrointestinal Endoscopy	40 credits
LBR7686	Health Assessment	20 credits
LBR7339	Research Methods of Enquiry	20 credits
LBR7399	Leadership Skills and Project Management for Health and Healthcare	20 credits
LBR7467	MSc Dissertation	40 credits

These courses recognise prior certificated learning completed at Birmingham City University (BCU) or other recognised institutions, in accordance with the University's Recognition of Prior Learning (RPL) policy. Where students have a deficit in academic credits, they may, with Course Leader approval, undertake appropriate optional modules within BCU to meet the requirements of the award.

In order to complete this course a student must successfully complete at least 40 credits from the following indicative list of OPTIONAL modules or available postgraduate courses within Birmingham City University, subject to approval by the Course Lead and course team:

Module Code	Module Name	Credit Value
LBR7630	Principles of Prescribing for Healthcare Professionals	40 credits
LBR7692	Profiling learning from prior experience	20 credits
LBR7585	Coaching and Supervising in Healthcare	20 credits
LBR7643	Writing for Academic Publication	20 credits

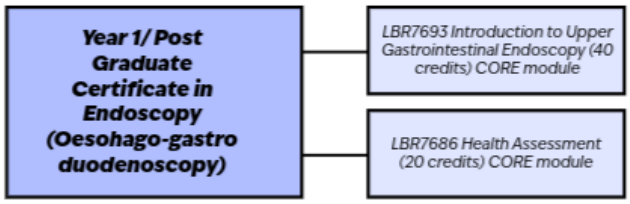
16b	Structure Diagram

Please note list of optional modules is indicative only. Students' choice will not be guaranteed for optional modules but a fair and transparent process will be adopted and shared with students.

Include a structure diagram for each mode of study. Level 4 is completed as an example including modules which extend the whole year.

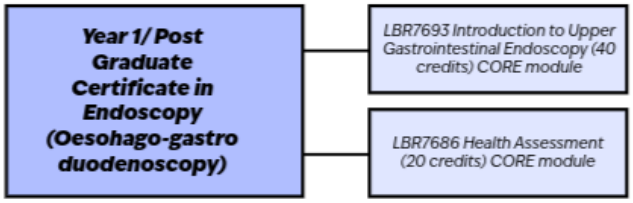
Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)

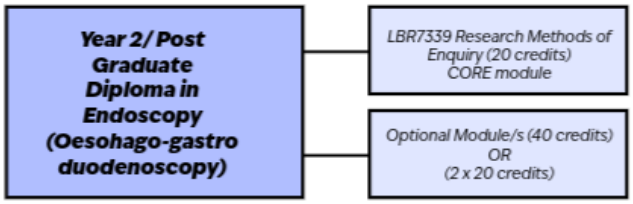
Level 7



Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy)

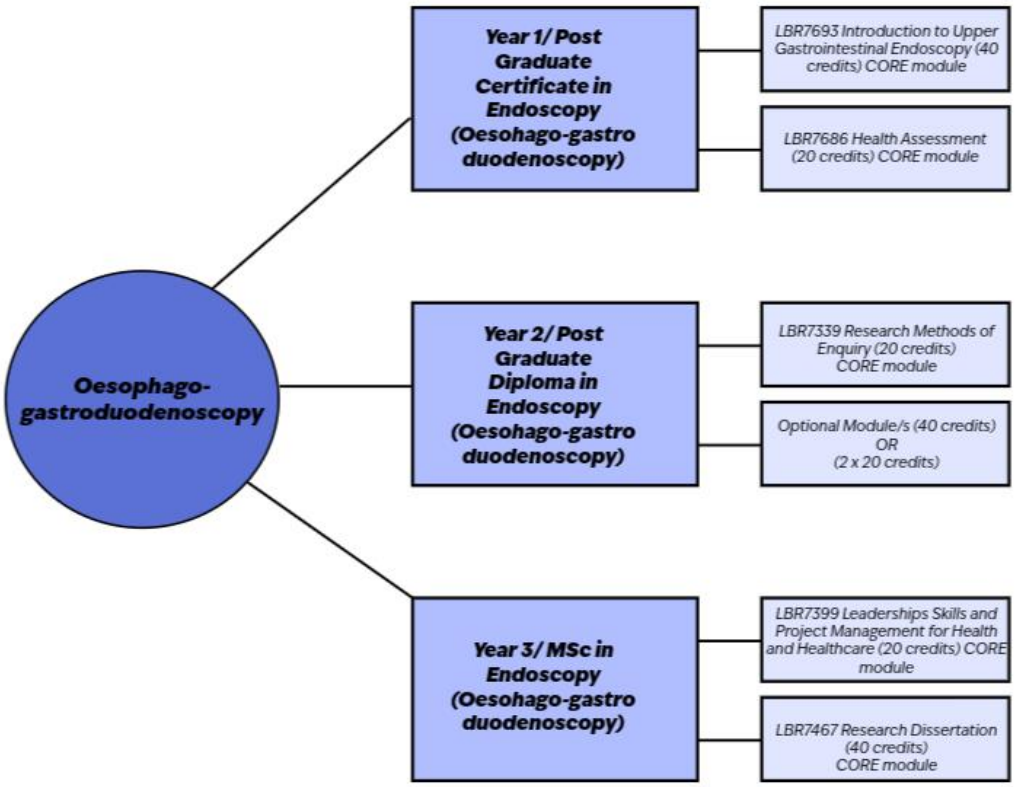
Level 7





MSc in Endoscopy (Oesophago-gastroduodenoscopy)

Level 7



17 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Workload for Post Graduate Certificate in Endoscopy (Oesophago-gastroduodenoscopy)
(This will depend on the choice of optional modules)

Activity	Number of Hours
Scheduled Learning	128
Directed Learning	80
Private Study	392
Total Hours	600

Balance of Assessment
(This will depend on the choice of optional modules)

Assessment Mode	Percentage
Coursework	50%
Exam	
In-Person	50%

Workload for Post Graduate Diploma in Endoscopy (Oesophago-gastroduodenoscopy)
(This will depend on the choice of optional modules)

Activity	Number of Hours
Scheduled Learning	211
Directed Learning	179
Private Study	810
Total Hours	1200

Balance of Assessment
(This will depend on the choice of optional modules)

Assessment Mode	Percentage
Coursework	60%
Exam	
In-Person	40%

Workload for MSc in Endoscopy (Oesophago-gastroduodenoscopy)
(This will depend on the choice of optional modules)

Activity	Number of Hours
Scheduled Learning	283
Directed Learning	213
Private Study	1,304
Total Hours	1,800

Balance of Assessment
(This will depend on the choice of optional modules)

Assessment Mode	Percentage
Coursework	70%
Exam	
In-Person	30%