

Course Specification

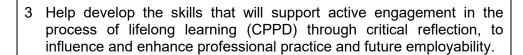
A. Course Information									
Final award title(s)	MSc Diagnostic Imaging								
	PgD Diagnostic Imaging								
Intermediate exit award	PgC Diagnostic Imaging PgD Diagnostic Imaging								
title(s)	PgC Diagnostic								
1110(0)	l go Blagnoom	o iniuging							
UCAS Code			Course	MSc 5069 – Top up					
			Code(s)	PgD 5068 – Top Up					
	Landan Cauth	Ponk University		PgC 5067					
		Bank University							
School	□ ASC □ AC			G ⊠ HSC □ LSS					
Division	Division of Rad	liography and O	DP						
Course Director	Michael Willian	าร							
Delivery site(s) for course(s)	Southwark	☐ Have	ering						
	☑ Other: Distar	nce Learning							
Mode(s) of delivery	□Full time	⊠Part time	□other p	olease specify					
Length of course/start and									
finish dates	Mode	Length	Start -	Finish - month					
		years	month						
	Do nt time o			A					
	Part time	Up to 6	September	August					
		years							
		maximum							
Is this course generally	No								
suitable for students on a	110								
Tier 4 visa?			,						
Approval dates:	Course(s) valid		July 2017						
	Subject to valid Course specific		September	2022					
			September	2023					
	updated and signed off								
Professional, Statutory &	Society & College of Radiographers								
Regulatory Body accreditation									
accreditation									
Reference points:		Corporate Strate		25					
	School Strategy								

AQE October 2017 Page 1 of 19

			LSBU Academic Regulations							
			Academic Quality and Enhancement Website							
		External	QAA Quality Code for Higher Education 2018							
			Framework for Higher Education Qualifications							
			Subject Benchmark Statements							
			PSRB Competitions and Markets Authority							
			SEEC Level Descriptors 2021							
			OfS Guidance							
	•	B. Course	Aims and Features							
Distinctive features										
of course			Sc suite of awards is designed to meet the continuous pment requirements of health care professionals who							
			aging procedures in their practice, and in specific cases							
		•	sary competence to practice.							
			a specialist research-focused workforce that will help							
			and social care provision to better meet society's which health needs by using emerging technologies and							
	_	ore innovative and creative working practices.								
		and the state of t								
		•	advanced practice have seen the extension of this							
			t to other non-medical health professionals, for example, th nent of Health (2011) identified that the development of advance							
			allied health professional's (AHP) could result in a							
			ition to high quality clinical care, organisational							
			nomic sustainability, productivity and all aspects of							
		•	ety, patient experience and the effectiveness of the care							
	that p	atients receive	9.							
	The N	//Sc course o	offers education in the latest theoretical and clinical							
			ing to diagnostic imaging. It also develops research							
			hinking and provides the opportunity to conduct a							
			ying the foundations for independent research in the							
	luture	and an extent	ded as an evidence-based practitioner.							
Course Aims	This I	PgC, PgD, MS	Sc Diagnostic Imaging course aims to:							
		_ · · _ ·								
			portunity to critically reflect on theory, contemporary							
		•	vidence-based practice related to diagnostic imaging der to inform personal and professional practice and							
			older experience.							
1	1									

AQE October 2017 Page 2 of 19

2 Develop advanced knowledge and skills through the critical appraisal of theory and practice related to a range of diagnostic imaging modalities and procedures relevant to current and future roles within the context of UK and international health provisions.



4 Enable continued professional development through independent and multi-disciplinary learning, thereby demonstrating maintenance of the standard of proficiency articulated by the Health and Care Professions Council (HCPC) and other relevant professional bodies.

Course Learning Outcomes

1) Students gain knowledge and understanding such that they are able to:

- A1 Synthesise and critically analyse research and evidence-based practice which underpins the principles and theories of current methods in Diagnostic Imaging in the wider context of healthcare service and delivery.
- A2 Critically reflect on and develop knowledge of practice to enhance future professional standing and employability through the application of lifelong learning and continued professional development.
- A3 Justify, utilise, and apply knowledge in order to undertake research and service evaluation and improvement in Diagnostic Imaging; to ensure optimal stakeholder experience.
- A4 Critically discuss and analyse legal, ethical and professional issues relating to imaging and multi-disciplinary working in a diagnostic imaging environment.
- A5 Develop critically, strategically and in depth a topic or area of interest arising from the work done within the taught postgraduate framework and in the student's area of academic or professional interest.

$$PqC \& PqD = A1 - A4$$
 $MSc = A1 - A5$

2) Students will develop their intellectual skills such that they are able to:

- B1 Critically evaluate research and evidence-based practice that underpins Diagnostic Imaging practice.
- B2 Synthesise and critically reflect on the theory that informs patient management and service delivery in Diagnostic Imaging.
- B3 Utilise a range of information and data to justify decisions making in new, varied, and challenging situations related to Diagnostic Imaging.
- B4 Critically reflect upon the professional and legal aspects of role extension, service improvement, and advanced practice in relation to health care policy and service delivery.

AQE October 2017 Page 3 of 19

PgC, PgD, MSc = B1, B2, B3, B4

3) Students will acquire and develop practical skills such that they are able to:

- C1 Critically evaluate the range of methods and modalities in Diagnostic Imaging with relation to patient management, quality, and service delivery.
- C2 Apply new theories and knowledge to aspects of Diagnostic Imaging which require management of challenging or complex situations.
- C3 Critically reflect on individual role and learning needs and that of others in relation to extended practice and employability skills.
- C4 Comply with the quality standards required for advanced practice
- C5 Employ effective strategies, knowledge and the confidence necessary to apply and reflect on theory, research and evidence and manage a research project or original inquiry.

$$PgC, PgD = C1 - C4, MSc = C1 - C5$$

4) Students will acquire and develop transferrable skills such that they are able to:

- D1 Critically appraise, and actively contribute, to the contemporary research and evidence that underpins Diagnostic Imaging practice.
- D2 Undertake critical reflection in relation to individual practice and maintain core competencies and continuing professional development.
- D3 Critically appraise and lead new developments in relation to individual practice, patient management, service delivery, and quality mechanisms.
- D4 Critically evaluate inter-professional and stakeholder-centred practice in the context of individual professional practice and in a wider health care setting both in the UK and internationally.
- D5 Demonstrate research skills through the identification, retrieval and critical analysis of published material and ability to write a feasible high quality proposal.

$$PgC \& PgD = D1 - D4$$
 $MSc = D1 - D5$

C. Teaching and Learning Strategy

- Face-to-face approaches that will include lectures, group work and discussion and feedback, workshops, tutorials.
- Use of a virtual learning environment (VLE) to engage students with self-directed learning activities.

• Blended learning activities

AQE October 2017 Page 4 of 19

- Structured feedback to develop literature search, analysis and synthesis skills
- Mentor sessions to identify individual needs
- Self and peer formative assessment

D. Assessment

- Coursework
- Essay
- Examination
- Presentation
- Formative assessment
- OSCE
- Viva

E. Academic Regulations

The University's Academic Regulations apply for this course. Any course specific protocols will be identified here.

The school follows the university regulations apart from:

 Students will not be eligible for compensation in the modules as a pass in all elements of assessment is required to demonstrate competence

F. Entry Requirements

Professional qualifications

Students must be registered to practice as a health practitioner in accordance with the professional requirements of their country.

A degree or diploma in diagnostic radiography or any other relevant professional qualification.

The University will select non-standard entrants to the programme in the following ways:-

All applications are assessed individually. Some flexibility may be exercised to the admissions criteria for students wishing to study individual modules for CPD. Some variation in terms of professional background and education may be accepted and will be considered individually by the course director. Regardless of these conditions, applicants must be able to satisfy the course director and admissions team of their suitability and ability to successfully complete the program of study applied for

Level of English language capability:-

If English is not the first language, students must have an IELTS average score of 7.0 on entry into the course. No individual elements should be below 7.0.

AQE October 2017 Page 5 of 19

Use of Prior Credit (APL/APEL): prior certificated credit or prior experiential credit may be used within

the Course in the following ways:-

Evidence of relevant academic and clinical expertise may be considered through the University's APL and APEL procedures for Recognition of Prior Learning. Consequently, students may be able to claim appropriate Master's level credits as approved by the University.

Students may be able to import specific credits into the MSc in support of previous relevant certified learning (APL) or provide evidence of experiential learning for they may be awarded credit (APEL). This is currently permitted up to a half of an overall award (90 credits of a 180 credit Master's).

The credits offered for APL to be considered must be current, at Master's level, and of an equivalent scale. Claims under the APL scheme will be considered by the course director and must be supported by acceptable evidence of proof of learning (for example transcripts, certificates, and module descriptors).

G. Course structure(s)

Course overview

Course structure(s)

The MSc Diagnostic Imaging course (180 Credits) comprises;

Mandatory Modules

- Dissertation (60 Credits)
 - Research in Health & Social Care (20 Credit option)
 - Foundations of Image Interpretation (20)

Remaining credits may be made up of a selection from the following **specialist** modules:-

- Radiographic Reporting: Musculoskeletal (40)
- Radiographic Reporting: Axial Skeleton (20)
- Advances in Specialised Skeletal Imaging (20)
- Radiographic Chest Reporting (40)
- Mammography Theory (20)
- Mammography Practice (40)
- Mammography Image Interpretation & Reporting (40)
- Clinical Breast Examination and Communication Skills (20)
- Breast Ultrasound for Ultrasonographers (40)
- Breast Ultrasound (60)
- Ultrasound Guided Interventional Procedures (20)
- Specialist Imaging Relating to Children or Young People

AQE October 2017 Page 6 of 19

- Concepts of Children and Young People Imaging
- · Protecting and Safeguarding Children and Young People

A maximum of TWO of the following **non-specialist** modules may be selected an as an alternative to the inclusive modules above:-

- Innovation for Excellence Leading Service Change (20)
- Leading Continuous Quality Improvement (20)
- Enhancing Practice through Work Based Learning (20)
- Leadership and quality improvement (20)

The **PgD Diagnostic Imaging** course (120 Credits) comprises;

Mandatory Modules:-

- Research in Health & Social Care (20 Credit option)
- Foundations of Image Interpretation (20 Credits)

Remaining credits may be made up of a selection from the following **specialist** modules:-

- Radiographic Reporting: Musculoskeletal (40)
- Radiographic Reporting: Axial Skeleton (20)
- Advances in Specialised Skeletal Imaging (20)
- Radiographic Chest Reporting (40)
- Mammography Theory (20)
- Mammography Practice (40)
- Mammography Image Interpretation & Reporting (40)
- Clinical Breast Examination and Communication Skills (20)
- Breast Ultrasound for Ultrasonographers (40)
- Breast Ultrasound (60) Ultrasound guided interventional procedures (20)
- Specialist Imaging Relating to Children or Young People
- Concepts of Children and Young People Imaging
- Protecting and Safeguarding Children and Young People

A maximum of TWO of the following **non-specialist** modules may be selected as an alternative to the inclusive modules above:-

- Innovation for Excellence Leading Service Change (20)
- Leading Continuous Quality Improvement (20)
- Enhancing Practice through Work Based Learning (20)
- Leadership and quality improvement (20)

The **PgC Diagnostic Imaging** course (60 Credits) comprises;

Mandatory Module:

Foundations of Image Interpretation (20)

AQE October 2017 Page 7 of 19

Remaining credits may be made up of a selection from the following **specialist** modules:-

- Advances in Specialised Skeletal Imaging (20)
- Specialist Imaging Relating to Children or Young People
- Concepts of Children and Young People Imaging
- Protecting and Safeguarding Children and Young People

The following **non-specialist** module may be selected as an alternative to one of the inclusive modules above:-

- Enhancing Practice through Work Based Learning (20)
- Research in Health & Social Care (20)

Placements information

None

H. Course Modules

Module Code	Module Title	Level	Semester	Credit value
AHP_7_019	Advances in Specialised Skeletal Imaging	7	1 or 2	20
AHP_7_065	Foundations of Image Interpretation	7	1 or 2	20
AHP_7_120	Radiographic Reporting: Musculoskeletal	7	1 & 2	40
AHP_7_100	Radiographic Reporting: Axial Skeleton	7	1 & 2	20
AHP_7_063	Radiographic Chest Reporting	7	1 & 2	40

AQE October 2017 Page 8 of 19

AHP_7_020	Mammography Theory	7	1 or 2	20
AHP_7_115	Mammography Practice	7	1 and 2	40
AHP_7_101	Mammography Image Interpretation & Reporting	7	1 and 2	40
AHP_7_075	Clinical Breast Examination and Communication Skills	7	1 and 2	20
AHP_7_074	Breast Ultrasound for Ultrasonographers	7	1 and 2	40
AHP_7_073	Breast Ultrasound	7	1 and 2	60
AHP_7_076	Ultrasound Guided Interventional Procedures	7	1 and 2	20
LSI_7_001	Innovation for Excellence - Leading Service Change	7	1 or 2	20
WHN-7-126*	Leading Continuous Quality Improvement in Healthcare	7	1 or 2	20
WBL_7_001	Enhancing Practice through Work Based Learning (Taught)	7	1 or 2	20
HCN_7_017	Leadership and quality improvement in healthcare	7	1	20
TAR_7_011	Research in Health and Social Care (Taught)	7	1 & 2	20
AHP_7_051	Dissertation – Allied Health Sciences (60 credits) Taught	7	1 & 2	60

AQE October 2017 Page 9 of 19

AHP_7_017	Specialist Imaging Relating to Children or Young People	7	1 or 2	20
AHP_7_118	Concepts of Children and Young People Imaging	7	1	20
HCN_7_013	Protecting and Safeguarding Children and Young People	7	2	20

I. Timetable information

- Timetables will be on moodle

J. Costs and financial support

Course related costs

Tuition fees/financial support/accommodation and living costs

- Information on tuition fees/financial support can be found by clicking on the following link http://www.lsbu.ac.uk/courses/undergraduate/fees-and-funding or
- http://www.lsbu.ac.uk/courses/postgraduate/fees-and-funding
- Information on living costs and accommodation can be found by clicking the following linkhttps://my.lsbu.ac.uk/my/portal/Student-Life-Centre/International-Students/Starting-at-LSBU/#expenses

List of Appendices

Appendix A: Curriculum Map

Appendix B: Personal Development Planning

Appendix C: Terminology

AQE October 2017 Page 10 of 19

Appendix A: Curriculum Map

This map provides a design aid to help course teams identify where course outcomes are being developed, taught and assessed within the course. It also provides a checklist for quality assurance purposes and may be used in validation, accreditation and external examining processes. Making the learning outcomes explicit will also help students to monitor their

own learning and development as the course progresses. Module **Course outcomes** С С D Α Α Α Α В В В В С С С D D D D Α Title Code Level 1 2 3 5 2 3 5 1 2 4 1 2 3 4 1 4 3 4 5 Specialist Skills Development -AHP 7 071 7 D D D D D D D D D D D D Breast Imaging Α Α Α Α Α Α Α Α Α Α Α Α Α Т Radiographic Reporting: 7 AHP 7 120 D D D D D D D D D D D D Musculoskeletal Α Α Α Α Α Α Α Α Α Α Α Α Radiographic Reporting: Axial AHP 7 100 D 7 D D D D D D D D D D Skeleton Α Α Α Α Α Α Α Α Α Α Α Τ Radiographic Chest Reporting AHP 7 063 7 D D D D D D D D D D D Α Α Α Α Α Α Α Α Α Α Α Т Mammography Theory AHP 7 020* D D D D D D D D D D D D 7 D Α Α Α Α Α Α Α Α Α Α Α Α Α Α Т D D D D D D D 7 Mammography Practice AHP 7 115 D D D D D D D Α Α Α Α Α Α Α Α Α Α Α Α Α Α AHP 7 101 Т Т Т Т Т Т Mammography Image Interpretation 7 D D D D D D D D D D D D D D & Reporting Α Α Α Α Α Α Α Α Α Α Α Α Α Α Clinical Breast Examination and AHP 7 075 7 D D D D D D D Communication Skills Α Α Α Α Α Α Breast Ultrasound for D D D D D D D D D D D D D D AHP 7 074 7 Α Α Α Α Α Α Α Α Ultrasonographers Α Α Α Α Α Α Т 7 **Breast Ultrasound** AHP 7 073 D D D D D D D D D D D D D D Α Α Α Α Α Α Α Α Α Α Α Α Α Α Ultrasound Guided Interventional 7 D D D D D D D D D D D D D Procedures AHP 7 076 D Α Α Α Α Α Α Α Α

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	Module			Course outcomes																	
Level	Title	Code	A 1	A 2	A 3	A 4	A 5	B 1	B 2	B 3	B 4	C 1	C 2	C 3	C 4	C 5	D 1	D 2	D 3	D 4	D 5
7	Innovation for Excellence - Leading Service Change	LSI_7_001	T D A	T D A		T D A				T D A			T D A					T D A			
7	Enhancing Practice through Work Based Learning (Taught)	WBL_7_001	T D A	T D A		T D A															
7	Leadership and Quality Improvement in Healthcare	HCN_7_017	T D A	T D A		T D A			T D A	T D A		T D A	T D A	T D A				T D A			

	Module			Course outcomes																	
Level	Title	Code	A 1	A 2	A 3	A 4	A 5	B 1	B 2	B 3	B 4	C 1	C 2	C 3	C 4	C 5	D 1	D 2	D 3	D 4	D 5
7	Research in Health & Social Care (Taught)	TAR_7_011	T D A	T D A	T D A	T D A		T D A	T D A	T D A	T D A						T D A				T D A
7	Dissertation – Allied Health Sciences (60 credits) (Taught)	AHP_7_051	T D A	T D A	T D A	T D A	T D A	T D A	T D A	T D A	T D A					T D A	T D A				T D A
7	Specialist Imaging Relating to Children or Young People	AHP_7_017	D A	D				Α	D A	D			T D A	T D A			T D A	D	D A		D A
7	Concepts of Children and Young People Imaging	AHP_7_118	D A	T D A	T D A	T D A	D A	D A	D A	D A			D A	T D A	T D A		D A	T D A		T D A	
7	Protecting and Safeguarding Children and Young People	HCN_7_013	D A	T D	D A	T D A		D	T D A	T D A			T D A	D A	D A		D A	D		T D A	

Appendix B: Personal Development Planning

A variety of terms are used in higher education to describe a process undertaken by individuals to gather evidence on, record and review their own learning and achievement, and identify ways in which they might improve themselves academically and more broadly. The term Personal Development Planning (PDP) is proposed to describe a structured process undertaken by an individual to reflect upon their own learning, performance and/or achievement and to plan for their personal educational and career development. The purpose of this tool is to help HE teaching staff to explain where PDP is being used within a course or portfolio of modules.

Approach to PDP	Level 7
1 Supporting the development and recognition of skills through the personal tutor system.	Each student will engage with an allocated personal tutor at least once during each module to discuss their development Evidence –Records of tutorials and personal tutor reviews.
2 Supporting the development and recognition of skills in academic modules/modules.	All students are offered a personal tutorial during the academic module. Students on taught modules will be introduced to the learning support team/ service during the induction for the course. Students will be encouraged to submit formative work prior to the summative submission and receive feedback. Written feedback is given with all summative assignment submissions. Evidence – Formative assignments, progress interviews, assignment feedback
3 Supporting the development and recognition of skills through purpose designed modules/modules.	Each module has a specific focus on different aspects of learning, teaching, evaluation, portfolio development, curriculum perspectives, and research. Each module is specifically designed to develop skills in these areas Evidence – Module guides
4 Supporting the development and recognition of skills through research projects and dissertations works	All assessed work must be underpinned by theoretical concepts that demonstrate the student's understanding of the process of selecting the appropriate methods of teaching, learning and evaluating. This develops decision making skills Evidence – Module guides
5 Supporting the development and recognition of career management skills.	The course team work closely with the healthcare organisations to ensure that the skills that student are acquiring are relevant to modern provision. Evidence- Stakeholder meetings and feedback
6 Supporting the development and recognition of career management skills through work placements or work experience.	Continuing experience facilitates role development and the impact students have on healthcare practice. Evidence –Assessment of competence

AQE October 2017 Page 13 of 19

7 Supporting the development of skills by recognising that they can be developed through extra curricula activities.	Students are encouraged to maintain a healthy work/life balance Evidence –Records of tutorials and personal tutor reviews.
8 Supporting the development of the skills and attitudes as a basis for continuing professional development.	Assignments are designed to engage in processes that encourage consideration of personal CPD enabling the development of skills to promote that of others Evidence – Personal CPD portfolio
9 Other approaches to personal development planning.	Students are encouraged to complete a reflective journal throughout the duration of the course illustrating how they have achieved the learning outcomes and feed CPD. Evidence – Personal CPD portfolio
10 The means by which self-reflection, evaluation and planned development is supported e.g. electronic or paperbased learning log or diary.	Students are supported throughout the course and individual modules. As adult learners, students will be invited to support reflections by their preferred method (written, electronic, audio or visual). Tutorials will also include reflection Evidence – Personal CPD portfolio

AQE October 2017 Page 14 of 19

Appendix C: Terminology

[Please provide a selection of definitions according to your own course and context to help prospective students who may not be familiar with terms used in higher education. Some examples are listed below]

awarding body	a UK higher education provider (typically a university) with the power to award higher education qualifications such as degrees
bursary	a financial award made to students to support their studies; sometimes used interchangeably with 'scholarship'
collaborative provision	a formal arrangement between a degree-awarding body and a partner organisation, allowing for the latter to provide higher education on behalf of the former
compulsory module	a module that students are required to take
contact hours	the time allocated to direct contact between a student and a member of staff through, for example, timetabled lectures, seminars and tutorials
coursework	student work that contributes towards the final result but is not assessed by written examination
current students	students enrolled on a course who have not yet completed their studies or been awarded their qualification
delivery organisation	an organisation that delivers learning opportunities on behalf of a degree-awarding body
distance-learning course	a course of study that does not involve face-to-face contact between students and tutors
extracurricular	activities undertaken by students outside their studies
feedback (on assessment)	advice to students following their completion of a piece of assessed or examined work

AQE October 2017 Page 15 of 19

AQE October 2017 Page 16 of 19

higher education provider	organisations that deliver higher education
independent learning	learning that occurs outside the classroom that might include preparation for scheduled sessions, follow-up work, wider reading or practice, completion of assessment tasks, or revision
intensity of study	the time taken to complete a part-time course compared to the equivalent full-time version: for example, half-time study would equate to 0.5 intensity of study
lecture	a presentation or talk on a particular topic; in general lectures involve larger groups of students than seminars and tutorials
learning zone	a flexible student space that supports independent and social earning
material information	information students need to make an informed decision, such as about what and where to study
mode of study	different ways of studying, such as full-time, part-time, e-learning or work-based learning
modular course	a course delivered using modules
module	a self-contained, formally structured unit of study, with a coherent and explicit set of learning outcomes and assessment criteria; some providers use the word 'course' or 'course unit' to refer to individual modules
national teaching fellowship	a national award for individuals who have made an outstanding impact on student learning and the teaching profession
navigability (of websites)	the ease with which users can obtain the information they require from a website
optional module	a module or course unit that students choose to take
performance (examinations)	a type of examination used in performance- based subjects such as drama and music
professional body	an organisation that oversees the activities of a particular profession and represents the interests of its members
prospective student	those applying or considering applying for any programme, at any level and employing any mode of study, with a higher education provider

AQE October 2017 Page 17 of 19

regulated course	a course that is regulated by a regulatory body
regulatory body	an organisation recognised by government as being responsible for the regulation or approval of a particular range of issues and activities
scholarship	a type of bursary that recognises academic achievement and potential, and which is sometimes used interchangeably with 'bursary'
semester	either of the parts of an academic year that is divided into two for purposes of teaching and assessment (in contrast to division into terms)
seminar	seminars generally involve smaller numbers than lectures and enable students to engage in discussion of a particular topic and/or to explore it in more detail than might be covered in a lecture
summative assessment	formal assessment of students' work, contributing to the final result
term	any of the parts of an academic year that is divided into three or more for purposes of teaching and assessment (in contrast to division into semesters)
total study time	the total time required to study a module, unit or course, including all class contact, independent learning, revision and assessment
tutorial	one-to-one or small group supervision, feedback or detailed discussion on a particular topic or project
work/study placement	a planned period of experience outside the institution (for example, in a workplace or at another higher education institution) to help students develop particular skills, knowledge or understanding as part of their course
workload	see 'total study time'

AQE October 2017 Page 18 of 19

written examination	a question or set of questions relating to a particular area of study to which candidates write answers usually (but not always) under timed conditions

AQE October 2017 Page 19 of 19