

## Course Specification

Course Summary Information		
1	<b>Course Title</b>	PG Dip Radiography (Breast Interventional Techniques)
2	<b>Course Code</b>	PT1044-04
3	<b>Awarding Institution</b>	Birmingham City University.
4	<b>Teaching Institution(s)</b>	Nottingham International Breast Education Centre and Birmingham City University
5	<b>Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable)</b>	College of Radiographers to be applied for

6	<b>Course Description</b> (Marketing text for website)
	<p>Take the next step in your career towards advanced practice whilst enhancing your skills and qualifications within this post-graduate qualification. This course, which is accredited by the College of Radiographers, is for those who initially develop their skills as a mammographer within the breast imaging service and wish to further develop into advanced mammographic practice to become an Advanced Practitioner within interventional breast biopsy.</p> <p>Within your developing role as a mammographer it is important to not only further develop your independent learning and advanced scholarship skills to support your continuing professional development but also to help you develop the skills to interrogate the evidence that underpins your clinical practice. Your confidence and autonomy, as well as your leadership skills, will therefore also be developed. Research Methods are a core requirement within this course, to prepare you to undertake your own research.</p> <p>The design of this named pathway ensures that the four pillars of advanced clinical practice (clinical practice, leadership and management, education and research) (as defined within the Multiprofessional framework for Advanced Clinical practice in England (NHS, 2017)) are enabled through the module and course design. Modules such as leadership and research will add to your professional growth and give you the skills and knowledge to enable you to effectively contribute to and lead the development of the breast care service.</p>

7	<b>Course Awards</b>		
7a	<b>Name of Final Award</b>	<b>Level</b>	<b>Credits Awarded</b>
	Post Graduate Diploma Radiography (Breast Interventional Technique)	7	120

8	<b>Derogation from the University Regulations</b>
	<ol style="list-style-type: none"> <li>1. For modules with more than one item of assessment, all items of assessment must be passed in order to pass the module</li> <li>2. Compensation of marginally failed modules is not permitted</li> </ol>

	3. Condonement of failed modules is not permitted
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<b>9</b>	<b>Delivery Patterns</b>		
<b>Mode(s) of Study</b>	<b>Location(s) of Study</b>	<b>Duration of Study</b>	<b>Code(s)</b>
Part Time	NIBEC and BCU	2 years	

<b>10</b>	<b>Entry Requirements</b>	
	<b>Home:</b>	<p>All candidates should be qualified Radiographers who already hold the Diploma of the College of Radiographers (DCR), BSc (Hons) in Diagnostic Radiography or Therapeutic Radiography or equivalent if applying from overseas.</p> <p>Candidates must be a registered Radiographer with the Health and Care Professions Council (HCPC) or equivalent if based overseas.</p> <p>Candidates must have at least 2 years post registration experience.</p> <p>Candidates must be working in an environment where they are able to gain clinical experience in relation to breast imaging.</p>
	<b>EU:</b>	EU students should additionally have an English Language qualification, as specified by the International Office. (Usually IELTS 7 for HCPC registration).
	<b>International:</b>	International students should additionally have an English Language qualification, as specified by the International Office.

<b>11</b>	<b>Course Learning Outcomes</b>	
<b>1</b>	Demonstrate an independent learning ability required for continued professional development.	
<b>2</b>	Demonstrate originality in the application of knowledge and an understanding of how boundaries of knowledge are advanced through research.	
<b>3</b>	Evaluate critically and develop critiques of current research and, where appropriate, to propose new research hypotheses.	
<b>4</b>	Challenge orthodoxy and draw appropriate and justified conclusions from research data.	
<b>5</b>	Demonstrate self-direction and originality in tackling and solving problems and using these attributes in the academic and clinical setting.	
<b>6</b>	Demonstrate originality and problem solving skills in dealing with complex issues both systematically and creatively.	

<b>7</b>	Demonstrate a comprehensive and critical understanding in the application of your radiographic specialism.
<b>8</b>	Integrate and synthesise diverse knowledge, evidence and concepts to promote understanding within your radiographic specialism.
<b>9</b>	Exercise initiative and personal responsibility in organising your own workload in an interdisciplinary context.
<b>10</b>	Deal with complex issues within a radiological specialism relevant to your pathway of study and communicate your conclusions clearly to specialist and non-specialist audiences.
<b>11</b>	Critically evaluate the relationship between technology, managerial responsibility, leadership and policy within your area of radiological expertise.
<b>12</b>	Autonomously practise competent X-ray guided Interventional biopsy techniques in line with scope of practice and the context of the wider diagnostic process.
<b>13</b>	Organise and contribute to risk management activities such as clinical discrepancy audit, equipment evaluation and other quality assurance procedures.
<b>14</b>	Demonstrate a comprehensive understanding of the importance of collaborative working within your area of radiographic expertise.
<b>15</b>	Recognise and escalate clinically significant issues relevant to your area of expertise
<b>16</b>	Critically appraise and formulate reports based on the clinical examination, imaging findings and histology results from interventional procedures.
<b>17</b>	Exercise an awareness of the world wide role of Radiographic advanced practice in the context of your specialist area.
<b>18</b>	Critically evaluate research in a global context and relate it to your own practice.
<b>19</b>	Integrate and synthesise radiographic practice in a global context to develop your own best practice.
<b>20</b>	Demonstrate a comprehensive and critical understanding of the diverse patient population.

<b>12</b>	<b>Course Requirements</b>																														
<b>12a</b>	<p><b>Level 7:</b></p> <p><i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 100 credits):</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #ffffcc;">Module Code</th> <th style="background-color: #ffffcc;">Module Name</th> <th style="background-color: #ffffcc;">Credit Value</th> </tr> </thead> <tbody> <tr> <td>LBR7558</td> <td>Leadership for Advanced Professional Practice</td> <td>20</td> </tr> <tr> <td>LBR7579</td> <td>Breast Imaging Practice</td> <td>40</td> </tr> <tr> <td>LBR7580</td> <td>Breast Interventional Techniques</td> <td>20</td> </tr> <tr> <td>LBR7339</td> <td>Research Methods of Enquiry</td> <td>20</td> </tr> </tbody> </table> <p><i>In order to complete this course a student must successfully complete at least 20 credits from the following list of OPTIONAL modules:</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #ffffcc;">Module Code</th> <th style="background-color: #ffffcc;">Module Name</th> <th style="background-color: #ffffcc;">Credit Value</th> </tr> </thead> <tbody> <tr> <td>LBR7536</td> <td>Cross Sectional Anatomy</td> <td>20</td> </tr> <tr> <td>LBR7537</td> <td>Open Module</td> <td>20</td> </tr> <tr> <td>LBR7551</td> <td>Fundamentals of MRI</td> <td>20</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Plus others from a range of module across the Faculty, dependent on student area of interest and in negotiation with the Course Lead.</i></p>	Module Code	Module Name	Credit Value	LBR7558	Leadership for Advanced Professional Practice	20	LBR7579	Breast Imaging Practice	40	LBR7580	Breast Interventional Techniques	20	LBR7339	Research Methods of Enquiry	20	Module Code	Module Name	Credit Value	LBR7536	Cross Sectional Anatomy	20	LBR7537	Open Module	20	LBR7551	Fundamentals of MRI	20			
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**12b Structure Diagram**

**Level 7:**

SEMESTER ONE, year 1	SEMESTER TWO, year 1
CORE: LBR7558 Leadership For Advanced Professional Practice (20 credits)	
CORE: LBR7579 Breast Imaging Practice (40 credits)	

SEMESTER ONE, year 2	SEMESTER TWO, year 2
CORE: LBR7339 Research Methods of Enquiry (20 credits)	OPTIONAL Module (20 credits)
CORE: LBR7580 X-Ray Guided Breast Interventional Biopsy (20 credits)	

### 13 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.

#### Level 7

#### Workload

##### % time spent in timetabled teaching and learning activity for CORE modules

Activity	Number of Hours
Scheduled Learning	145 hours
Directed Learning	394
Private Study	461
<b>Total Hours</b>	1000 hours (plus 600 clinical hours)

#### Balance of Assessment

Assessment Mode	Percentage
Coursework	60%
Exam	0%
In-Person	40%