Programme Specification

Diagnostic Radiography {Apprenticeship-UWE} [Glenside]

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Diagnostic Radiography {Apprenticeship-UWE} [Glenside]

Highest award: BSc (Hons) Diagnostic Radiography

Default award: BSc (Hons) Health and Social Studies

Interim award: BSc Health and Social Studies

Interim award: DipHE Health and Social Studies

Interim award: CertHE Health and Social Studies

Awarding institution: UWE Bristol

Teaching institutions: UWE Bristol

Study abroad: Yes

Year abroad: No

Sandwich year: No

Credit recognition: No

School responsible for the programme: HAS School of Health and Social Wellbeing, Faculty of Health & Applied Sciences

Professional, statutory or regulatory bodies:

Health and Care Professions Council (HCPC)

Society and College of Radiographers (CoR)

Apprenticeship: ST0619

Modes of delivery: Full-time

Entry requirements: For the current entry requirements see the UWE public website.

QualificationRequired gradesRequired subjects
A-LevelBBC (112 UCAS points)B in a science subject*. GCE AL science includes:

Biology/Human Biology; Chemistry; Computing; Design and Technology; Electronics; Environmental Studies; Geography; Geology; Maths/Pure Maths/Further Maths*; Life and Health Sciences; Physical Education; Physics; Psychology; Science (applied); Statistics
IB28IB science HL5
BTECDDMBTEC (extended diploma) in a science/healthcare related subject. Applicants studying a BTEC Extended Diploma will also require GCE AL Biology and Chemistry grade A
GCSEGrade C or 4 or equivalent (with certification)Maths and English

For implementation from: 01 November 2021

Programme code: B82J00

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: The aim of this programme is to develop competent graduate Diagnostic Radiographers to fulfil the demand of the workforce in an ever-evolving technical health and scientific landscape.

The programme has the innovative unique delivery of advanced clinical skills of image interpretation and physical assessment at the pre-registration level which has proven to enhance our graduate outcomes.

You will have access to a range of technology enhanced learning opportunities that include small group practical work in fully functional x-ray room and Computed Tomography (CT) scanner, radiographic software applications as well as university wide simulation technology.

The programme prides itself on the variety of methods used to deliver academic content that includes the use of expert practitioners, online facilitation and

technology enhanced teaching tools with innovative assessment strategies. An androgogic and student-centred approach to learning is adopted, where you are encouraged and enabled to take responsibility for your own learning.

There are clinical placements in all 3 years which enable you to experience a range of clinical departments. There are excellent connections with the NHS and Private health providers where you can experience extended hours which prepare you for graduate practitioner work patterns.

In addition to the clinical placements, UWE is a reference site for an X Computed Tomography (CT) scanner which will provide opportunities to use ‘state of the art’ fully functional equipment for research and linking theory and practice. The significant increase in clinical uses of CT in recent years is indicative of the vital role that this modality will play in Diagnostic Radiography in the future, and possessing a fully functional scanner in the educational environment will enhance your skills to ensure you are ready and able graduate practitioners.

The Diagnostic Imaging Practice programme at UWE is where “real life” meets simulation and education promotes flexibility and adaptability for the workplace of the future.

Features of the programme: The programme prides itself on the variety of methods used to deliver academic content that includes the use of expert practitioners, service users, standardised patients, online facilitation and technology enhanced teaching tools with innovative assessment strategies. An andragogic and student-centred approach to learning is adopted where you are encouraged and enabled to take responsibility for your own learning.

Other distinct features include:
Active research, exploration, feedback and teamwork, is expected in all aspects of the programme.

Student ownership of continuing personal and professional development is facilitated by the use of a professional practice portfolio. This provides the basis for a personal

CPD file which facilitates lifelong learning.

PALS. Peer assisted learning is effectively utilised throughout levels 4-6 of the programme to help support students in their learning and development.

Student-centred learning in professional practice settings is facilitated by the use of pre-determined placement competencies

There are opportunities at all levels for collaborative learning with students from other health and social care professions within a number of core modules including anatomy and physiology, research principles and an innovative level 6 heath informatics based module.

Educational Aims: The programme aims to:

Fulfil the requirements to be eligible to apply for registration with the Health and Care Professions Council (HCPC) and membership of the Society and College of Radiographers (SCoR) with the protected title of Diagnostic Radiographer.

Develop safe and effective graduate practitioners who undertake a reflective and evaluative approach to their professional practice whilst promoting a value base that respects culture, equality and diversity

Enable graduates to be effective in self-management approaches and develop leadership potential, proactively engage in the process of lifelong learning and continuing professional development (CPD)

Understand and implement research-based and evidence-based practice to appreciate the broader context of health and social care activities and develop key interpersonal and professional skills to function effectively within the healthcare environment

Programme Learning Outcomes:

On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

PO1. Practice competently within the standards of conduct, performance and ethics expected of HCPC registrants and members of the Society and College of Radiographers.

PO2. Apply current legislation and guidelines governing the safe and effective delivery of ionising and non-ionising radiation.

PO3. Integrate theory with practice using critical analysis, evaluation, reasoning and problem solving skills to enhance practice

PO4. Adopt a holistic approach to the delivery of Diagnostic Radiography, which is responsive to the needs of the individual and service.

PO5. Be flexible and adaptable to change and develop leadership abilities, taking responsibility for continuing personal and professional development.

PO6. Engage with research evidence for professional practice in Diagnostic Radiography.

PO7. Work within an interprofessional framework using autonomous judgement to support patient care pathways.

PO8. Utilise a range of communication strategies to ensure the effective support of the individual and service.

Assessment strategy: The Diagnostic Radiography programme has a coherent assessment strategy which plays out across the programme and integrates the learning taking place at each level. A range of assessment strategies are employed throughout the programme to aid your engagement and enhance the inclusivity of the learning experience. Assessments are designed to be meaningful, relate to real world situations in both simulated and real life clinical environments. The different range of assessment methods used provides the opportunity to analyse your ability within different contexts and environments.

Within each module, you are guided through the assessment strategy by ensuring that a formative feed forward/feedback approach is adopted. Practice assessments

and draft submissions are encouraged. With presentations, you will undertake step-by-step exposure to carrying out this type of task: firstly by using low stakes opportunities for you to work and present in small groups at regular opportunities before having to present as a summative assessment.

This is a fully integrated apprenticeship - this means that the End-Point Assessment (EPA) starts with the final examination board and finishes when the required documentation is submitted to HCPC. The EPA cannot begin until all gateway requirements have been met, as stipulated in the apprenticeship standard ST0619.

Student support: Whilst on the BSc(Hons) Diagnostic Radiography programme you can access a range of support and library facilities, including the UWE Glenside Library; one of the best Libraries for Health and Social Care in the South West of England.

During the programme you have access to a range of technology enhanced learning opportunities that including the fully functional plain imaging room, CT scanner and radiographic software as well as university wide simulation technology. Collaborative partnerships with external stakeholders allows you to gain experiences of advancing modalities.

Part B: Programme Structure

Year 1

Normally, a student is expected to achieve a pass in the professional practice placement of a specific level in order to be allowed to commence any of the professional practice placements of the next level.

Year 1 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit

UZYYDM-30-1	Foundation of Imaging Science and Technology 2022-23	30
UZYYDN-15-1	Fundamentals of Diagnostic Imaging and Applied Anatomy 2022-23	15
UZYYDP-15-1	Fundamentals of Human Anatomy and Physiology (Diagnostic Imaging Practice) 2022-23	15
UZYYDQ-30-1	Fundamentals of Radiographic Imaging Technique 2022-23	30
UZYYDR-30-1	Radiographic Imaging Practice 1 2022-23	30

Year 2
The student must take 120 credits from the modules in Year 2.

Year 2 Compulsory Modules
The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYYDV-30-2	Applications of Diagnostic Imaging Equipment 2023-24	30
UZYYDT-15-2	Health Psychology and Wellbeing for Radiographers 2023-24	15
UZYYDU-15-2	Informing Practice through Research and Inquiry (Diagnostic Imaging Practice) 2023-24	15
UZYYDS-30-2	Intermediate Imaging Theory 2023-24	30
UZYYDW-30-2	Radiographic Imaging Practice 2 2023-24	30

Year 3
The student must take 120 credits from the modules in Year 3.

Year 3 Compulsory Modules
The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYY9Q-15-3	Healthy Futures 2024-25	15
UZYYE3-15-3	Professional Development and Employability 2024-25	15
UZYYLK-30-3	Radiographic Imaging Practice 3 2024-25	30
UZYYDX-30-3	Research and Evidence in Practice (Diagnostic Imaging Practice) 2024-25	30
UZYYLL-30-3	Skills for Informing Radiography Practice 2024-25	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

Graduates of the Diagnostic Radiography programme will demonstrate knowledge, skills and attributes necessary to provide effective and holistic care for patients.

Graduates will be able to integrate theory with practice using critical analysis, reasoning and autonomous judgment. They will undertake multi-professional team working and communicate effectively with service users, carers and the wider healthcare team. They will be competent, reflective practitioners with an understanding of clinical and key performance indicators with the ability to critique and review research evidence to inform practice.

Graduates will adhere to professional codes of conduct and ethics and upon qualification be fit to practice as entry-level Diagnostic Radiographers.

Part D: External Reference Points and Benchmarks

The programme reflects the philosophy, core values and skills and knowledge base as described in a range of profession specific drivers. At its core, the programme's learning outcomes are built on the Health and Care Professions Council's Standards of Proficiency for Radiographers; Standards of Education and Training, Guidance on Student Conduct and Ethics. This is further supported by the Standard of education

and practice requirements-indicative curriculum- set by the Society and College of Radiographers which comprehensively outlines the requirements for the education and training of radiographers in the UK.

The UWE strategic framework is embedded at all levels of study with particular reference to providing a strong student focus, ensuring the best experience both academically and socially; to ensuring open and responsive communications and showing full commitment to equity, fairness and inclusivity with a “can do approach”.

The design of the BSc (Hons) Diagnostic Radiography programme at all levels is based on the reference points and benchmarks set out by the:

Health and Care Professions Council (2014) Standards of Education and Training. HCPC: London

Health and Care Professions Council (2012) Guidance on Conduct and Ethics for Students. HCPC: London

Health and Care Professions Council (2013) Standards of Proficiency: Radiographers HCPC: London

Society and College of Radiographers (2009) Approval and accreditation board handbook SCoR: London

Society and College of Radiographers (2012) Quality Standards for Practice Placements SCoR: London

Society and College of Radiographers (2013) Code of conduct and ethics ScoR: London

Society and College of Radiographers (2013) Scope of Practice SCoR: London

Society and College of Radiographers (2004) The Approval and Accreditation of Education Programmes and Professional Practice in Radiography: Guidance on

Implementation of Policy and Principles SCoR: London

Institute for Apprenticeships and Technical Education (IfATE) Diagnostic Radiographer standard - ST0619

Diagnostic Radiography Apprenticeship standards
https://www.instituteforapprenticeships.org/apprenticeship-standards/diagnostic-radiographer-(integrated-degree)-v1-0

UWE 2030 Strategy.
Our networks with service providers, are part of this outstanding learning experience, as are our many supportive service users who come in to teach, interview applicants for the programme and help with curriculum development.

Education for Sustainable Development UWE is committed to ensuring that its students and future graduates, are equipped with the skills knowledge and attributes that will enable them to thrive in the challenging environment of the 21st century. As part of this commitment the university has developed a comprehensive approach to embedding Education for Sustainable Development (ESD) within the curricula of the University (UWE, 2014). The programme team maintains strong links with the Society and College of Radiographers (SCoR) with several being members of national fora. Some members of the team retain a clinical work load, whilst others are research active – this contributes to the student learning experience, and ensures the teams' awareness of current developments and issues within the profession.

There are bi-annual stakeholder meetings for practice educators to feed into programme developments, practice placement design and practice assessment. Quarterly meetings with clinical service managers from the region allows for discussions and collaboration on programme delivery, design and enhancement strategies. A yearly monitoring form is completed for SCoR. All of these mechanisms allow for evaluation, reflection, feedback and changes to the programme to enhance quality and ensure a programme is designed to be, engaging, innovative and fit for purpose.

Part E: Regulations

Approved to variant University Regulations and Procedures