

PROGRAMME SPECIFICATION KEY FACTS

Programme name	Introduction to Diagnostic and Therapeutic Radiography
School	School of Health & Medical Sciences
Department or equivalent	Allied Health
UCAS Code	B82F
Programme code	DSGDTR
Type of study	Full-time
Total UK credits	120
Total ECTS	60

PROGRAMME SUMMARY

Introduction to Diagnostic and Therapeutic Radiography is offered as a one-year full-time programme of study. This innovative and focused programme will offer an introduction to clinical and professional aspects of radiography. The programme of study will develop your knowledge, skills and attributes and form the basis for you to apply to progress onto your chosen BSc (Hons) Radiography programme at City St George's: BSc (Hons) Therapeutic Radiography and Oncology or BSc (Hons) Diagnostic Radiography.

Therapeutic Radiographers are allied health professionals who play a vital role in the planning and delivery of accurate radiotherapy treatments using a range of specialist technical equipment, helping to cure or give symptomatic relief for those suffering from cancer. Therapeutic Radiographers work as part of a wider multidisciplinary team to support service users and carers at all stages of the radiotherapy patient pathway.

Diagnostic Radiographers are allied health professionals who play a vital role in producing, processing, and sometimes providing preliminary clinical evaluation reports of, images of body structures to support the diagnosis of disease and skeletal and soft tissue abnormalities as a result of trauma or disease. To produce medical images, diagnostic radiographers use a wide range of imaging modalities such as conventional x-rays, fluoroscopy, computed tomography (CT), ultrasound, mammography, magnetic resonance imaging (MRI), nuclear medicine, Positron Emission Tomography and Single Photon Emission Computed Tomography.

The programme comprises the following modules:

- HS1926 Introduction to Science Related to Health Care
- HS1927 Academic Skills
- HS1928 Key Skills in Health Sciences
- HS1929 Personal and Professional Development
- HS1934 Introduction to Diagnostic and Therapeutic Radiography Professions

In the 'Introduction to Science Related to Health Care' module, you will be introduced to some of the concepts and principles of science that inform healthcare and radiographic practice. In 'Academic Skills' you will receive thorough preparation in the academic skills you will need for successful study at university level. In the 'Key Skills in Health Sciences' module you will develop your knowledge of the main sources of research evidence and data in relation to health and social care. This will enhance your intellectual and practical skills in the collection, interpretation, and evaluation of such data in preparation for future studies at BSc level. In the 'Personal and Professional Development' module you will develop as an independent and reflective learner. This will enhance your ability to work effectively and collaboratively with others. In the 'Introduction to Diagnostic and Therapeutic Radiography Professions' module you will be acquainted with the profession, the different roles and you will explore the notion of professional identity. In addition, the module will prepare you with the basic skills, knowledge, and attributes of radiographic practice, and introduce you to fundamental principles that underpin the profession. These principles will enhance your learning experience if you progress into the first year of the Diagnostic Radiography or Therapeutic Radiography and Oncology BSc (Hons) programme.

Aims

The educational aims of the programme are to:

- Provide you with the knowledge, skills, and attributes to prepare you for entering either Diagnostic Radiography or Therapeutic Radiography & Oncology BSc (Hons) programmes
- Provide you with a supportive environment, which fosters academic and personal development and uses appropriate learning resources
- Enhance the development of your interpersonal and professional skills
- Use a variety of appropriate teaching and learning methods, to provide you with education and training that is relevant, intellectually challenging, and enjoyable
- Develop your analytical, critical, and problem-solving faculties

Content

By completing the Introduction to Diagnostic and Therapeutic Radiography programme, you will develop skills of enquiry in your subject and develop creative approaches to problem solving as well as identify the limitations of your knowledge. Furthermore, it will help you to transition into university environment and get a head start for studying at level 4. This will enable you to develop a range of key transferable skills needed to work effectively within the dynamic health and social care environment. The overall aims and objectives of this programme are consistent with City St George's, University of London's strategic aims, in particular 'to provide high quality education which meets the needs of our students and their employers'.

Registration Period

The normal length of this programme is 1 year.

The maximum period of registration for this full-time programme is 2 years.

WHAT WILL I BE EXPECTED TO ACHIEVE?

Learning Outcomes

On successful completion of this programme, you will be expected to be able to:

Knowledge and understanding:

- Discuss the key principles of science, diagnostic and therapeutic radiography that inform health care
- Discuss the key principles of the Key Skills in Health Sciences
- Describe a range of interdisciplinary approaches to the collection, interpretation and analysis of healthcare data
- Describe the distinctive roles of diagnostic and therapeutic radiography and the different providers of health and social care services
- Discuss the importance of person-centred care

Skills:

- Demonstrate an ability to comprehend new knowledge
- Access and use a range of learning resources
- Review and present experimental data
- Use numerical methods in solving problems
- Operate collaboratively as part of a team
- Communicate using multiple media including verbal, written, presentation, and word processing skills
- Apply Information Technology skills relevant to the activities of health care professionals
- Accurately record observations in various contexts, that are applicable to a radiographer's professional life
- Demonstrate that you have acquired a wide range of transferable, lifelong and independent learning skills
- Demonstrate skills required in radiography practice

Values and attitudes:

- Use appropriate interpersonal and communication skills
- Demonstrate respect of the cultural needs of others
- Behave in a responsible and professional manner
- Show integrity and promote diversity, equity and dignity in all encounters with other students and staff

WHAT WILL I STUDY?

The Introduction to Diagnostic and Therapeutic Radiography programme incorporates five core modules. The numbers of allocated credits indicate the relative proportions of subject matter for each module.

Module Title	SITS Code	Module Credits	Core/ Elective	Compensation Yes/No	Level
Introduction to Science related to Health Care	HS1926	30	Core	N	4
Academic Skills	HS1927	30	Core	N	4
Key Skills in Health Sciences	HS1928	15	Core	N	4
Personal and Professional Development	HS1929	15	Core	N	4
Introduction to the Diagnostic and Therapeutic Radiography Professions	HS1934	30	Core	N	4

HOW WILL I LEARN?

The Introduction to Diagnostic and Therapeutic Radiography programme is designed to satisfy the diverse academic development needs of potential BSc Radiography students. Teaching and assessment methods are tailored to the learning objectives of each module component. The range of teaching methods used is wide and includes lectures, tutorials, seminars and practical classes.

Lectures are used to communicate core material and as a foundation for further reading. Lectures are based around presentations and hand-outs provide core notes e.g. definitions and diagrams. Lectures will include interactions through buzz groups, discussions and questions & answers. Lecture notes are provided on the virtual learning environment, Moodle. However, you are expected to take your own notes too. In addition, during your self-directed study time you will undertake thorough background reading. Reading lists are provided for this purpose.

Seminars are small group sessions, which are essential supplements to the lectures and give you the opportunity to apply the material covered in the lectures and your independent reading. Seminars will enable you to reflect on and discuss material related to a subject or case study. The seminars enable you to engage in active learning extending the depth and breadth of your knowledge and encouraging team working.; They are designed to motivate, enhance your communication skills and develop your powers of reasoning.

Tutorials develop problem-solving skills in an environment that encourages an interactive approach to learning.

Practical classes provide opportunities to develop clinical skills and to give demonstrations of techniques covered in lectures.

Your self-directed study time will also be used to prepare for the practical sessions, and also to practice the techniques being taught during the labs.

The programme consists of around 30% contact time and 70% self-directed independent study time. Independent study times are for you to revise and prepare for teaching sessions, including preparation of coursework. This programme will include an average of 16 contact hours per week. Attendance >80% in all modules is strongly advised.

Entrants to the programme will attend for a week of induction at City St George's, University of London. During this week, you will be given an introduction to the structure and organisation of the programme.

WHAT TYPES OF ASSESSMENT AND FEEDBACK CAN I EXPECT?

Assessment and Assessment Criteria

Assessment on the Introduction to Diagnostic and Therapeutic Radiography programme is through a variety of methods. Methods of assessment include closed book summative examinations (i.e. written exams which may include multiple choice questions, short answer questions or long answer questions and coursework (e.g. writing or assessing a report, preparing a presentation). Theory examinations are utilised to ensure the core science concepts are understood and allow you to demonstrate your scientific knowledge. Coursework assessment permits you to spend time on compiling work, reflecting on the application of your studies and putting your knowledge into context.

Assessment Criteria are descriptions, based on the intended learning outcomes, of the skills, knowledge or attitudes that you need to demonstrate in order to complete an assessment successfully, providing a mechanism by which the quality of an assessment can be measured. Grade- Related Criteria are descriptions of the level of skills, knowledge or attributes that you need to demonstrate in order to achieve a certain grade or mark in an assessment, providing a mechanism by which the quality of an assessment can be measured and placed within the overall set of marks. Assessment Criteria and Grade-Related Criteria will be made available to you to support you in completing assessments. These may be provided in programme handbooks, module specifications, on the virtual learning environment or attached to a specific assessment task.

Feedback on assessment

Feedback on your work, as well as your mark will be provided to you. This may be in a number of different forms, including written feedback, discussion of feedback in a group, or individual verbal feedback. Feedback should be used to help you to improve on any areas of weakness and to support your progress. Feedback will be provided in line with our Assessment and Feedback Policy. In particular, you will normally be provided with feedback within three weeks of the submission deadline or assessment date. This would normally include a provisional grade or mark. For end of module examinations or an equivalent significant task (e.g., an end of module project), feedback will normally be provided within four weeks. The full assessment policy can be found at: [Assessment and Feedback Policy](#)

Assessment Regulations

In order to pass your Programme, you should complete successfully the relevant modules and assessments and will therefore acquire the required number of credits. The pass mark for each module is 40%. Full details for passing each assessment component can be found in the individual Module Specifications. You must pass all modules to successfully complete this programme. If you fail an assessment component or a module, the following will apply:

1. Resit: you will be offered one resit attempt.

If you are successful in the resit, you will be awarded the credit for that module. The mark for each assessment component that is subject to a resit will be capped at the pass mark for the module (i.e. 40%). This capped mark will be used in the calculation of the final module mark together with the original marks for the components that you passed at first attempt.

If you do not meet the pass requirements for a module and do not complete your resit by the date specified the Assessment Board will require you to be withdrawn from the Programme. If you would like to know more about the way in which assessment works at City St George's, please see the full version of the Assessment Regulations at: [Senate Regulation 19](#)

WHAT AWARD CAN I GET?

Certificate of Higher Education:

On completion of the Certificate of Higher Education qualification you will have a sound knowledge of the basic concepts of a subject and will have learned how to take different approaches to solving problems. You will be able to communicate accurately and will have the qualities needed for employment requiring the exercise of some personal responsibility.

You need to successfully complete all core modules for this programme.

Programme Stage	HE Level	Credits	Weighting (%)
1	4	120	100

Class	% Required
With Distinction	70%
With Merit	60%
Without Classification	40%

EMPLOYABILITY AT CITY ST GEORGE'S

The programme will offer focused support to students who are seeking career opportunities in diagnostic and radiography contexts. For more information on the Careers support available at City St George's, please go to:

<https://www.city.ac.uk/careers/your-career>

WHAT KIND OF FURTHER STUDIES MIGHT I GO ONTO?

Upon successful completion of the Introduction to Diagnostic and Therapeutic Radiography programme you will become eligible to apply to study either of the following:

1. BSc (Hons) Diagnostic Radiography
OR
2. BSc (Hons) Therapeutic Radiography and Oncology

You will be eligible for progression to one of the aforementioned BSc (Hons) Radiography programmes at City St George's, University of London (Programme Stage 1) subject to all of the following:

- Achieving >40% overall with no failed modules
- Successful admissions interview*
- Satisfactory Disclosure and Barring Service (DBS) check and Occupational Health clearance.
- Completion of a radiography clinical visit form.

You will be required to apply to one of the BSc Radiography undergraduate programmes listed above that is offered at SHMS, either by direct application or via UCAS. Details of the application process will be provided by the programme team during Term 1.

*If you have had a successful interview for one of the health-related BSc programmes at City St George's, University of London within the last 12 months, you may be required to re-interview (e.g., if you were offered a place on one of the BSc programmes but did not achieve the required grades)

Version: 2.0

Version date: June 2025

For use from: 2025-26

Information is provided subject to Terms and Conditions for study at City St George's, University of London.