

Radiation Biology

This module will describe the cellular and molecular basis of the response of cells, tissues and tumours to ionizing radiation. The biological basis of radiation damage and repair will be addressed and how this effects cellular processes such as cell survival. It will address the principles underlying the application of radiotherapy to the treatment of cancer and how radiotherapy interacts with other treatments such as chemotherapy. The course is modeled on the syllabus of the FRCR part 1 examinations and will therefore provide suitable preparation for this professional examination.

Credits

10 credits

Module Attendance Required

One week's (5 days) attendance required.

Module Dates

2014/2015 dates

9 - 13 Feb 2015

Assessment

Best single answer MCQs

Academics involved in the delivery of this module

- Ms Andrea Stevens, Chair of the Higher Specialist Training Committee for Clinical Oncology, Oncology Consultant, University Hospital Birmingham NHS Foundation Trust
- Dr Andrew Hartley

Stand Alone Course

This module can be taken as a stand alone course if required. For further information please contact:

Programme Administrator

Tel: +44 (0)121 414 7672

Email: clinicaloncology@contacts.bham.ac.uk (<mailto:clinicaloncology@contacts.bham.ac.uk>)

Fee if taken as a stand alone course

£550

Entry requirements if taken as a stand alone course

6 months oncology experience and holding a degree, preferably a 2.1 or equivalent qualifications in an appropriate medical/scientific subject.

[Study here and find out why the University of Birmingham was awarded The Times and The Sunday Times University of the Year 2013-14](http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)
(<http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx>)

Course fact file

Type of Course: Continuing professional development, module

Contact

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