

PLANNING OF ERASMUS CURRICULUM PORTO – 2012

The subject of the theoretical component, concerning the Erasmus exchange, will be **Virtual Simulation** and **Intensity Modulated Radiotherapy (IMRT)**.

The subject is divided in three areas:

- Treatment planning, methodology and CT localization
- Dosimetry and Treatment
- Quality assurance (QA)

During the academic programme the students will have culture as well as Portuguese language courses.

The lectures will take place at the Superior School of Health Technology of Porto (Escola Superior de Tecnologia da Saúde do Porto) and in specialized centers for each area.

Areas	Unit Title	Credits	Assessment
Theoretical/Practical Components			
Treatment planning, methodology and CT localization	CT planning	2	Assignment
	Virtual simulation / Delineation of volumes	2	Assignment
Dosimetry and Treatment	Inverse planning	2	Assignment
	Histograms Dose Volume	2	Assignment
Quality assurance (QA)	QA procedures in RT	1	Assignment
	IMRT QA	1	Assignment
Portuguese language and culture	Portuguese language	1	Presentation
	Portuguese history and culture	1	Presentation
Practical Part			
Clinical Studies		8	Write Essay
Credit summary:			
	Theoretical/Practical Components	12	
	Practical Part	8	
	Total of Credits	20	