

2018-2019

DRAD6203- Brachytherapy physics

Topic	Teaching mode (e.g. Lecture, Tutorial, Lab, Practicals)
S1: Radionuclides for treatment	Lecture
S2: Source specifications and dosimetry	Lecture
S8: Radiation Protection in Brachytherapy	Lecture
S13: Tutorial	Tutorial
S7: Quality assurance in Brachytherapy	Lecture
S5: Treatment planning in LDR brachytherapy	Lecture
S3: Dose distribution around sealed sources	Lecture
S4: Dose distribution of radioisotopes	Lecture
S6: Treatment planning in HDR brachytherapy	Lecture
S9: Tutorial	Tutorial
S10: Practical – Calibraion of HDR sources	Practical
S11: Practical – Treatment planning of HDR clinical cases	Practical
S12: Practical – QA in Brachytherapy	Practical

Assessment method: 50 % in-course assessment

50 % final examination