2018-2019

DRAD6207 – Nuclear Medicine Sciences

Topic	Teaching mode (e.g. Lecture, Tutorial, Lab, Practicals)
S1: Introduction & Revision of key Nuclear Medical Physics	Lecture
S3: Nuclear Medicine Statistics & Research Methodology	Lecture
S7: Image quality principles	Lecture
S5: Nuclear Detection & Imaging Devices	Lecture
S2: Electronics	Lecture
S12: Radiopharmaceuticals & Radiochemistry	Lecture
S10: Decision Analysis in Nuclear Medicine	Lecture
S13: Nuclear Accidents Management	Lecture
S4: Practical – Unsealed Radioactive Isotope	Practical
S9: Practical – Operation of Gamma Camera	Practical
S15: Practical – Performance Acceptance Testing	Practical
S16: Practical – Nuclear Medicine Computer & Programming	Practical
S6: Quality Assurance in Nuclear Medicine	Lecture
S14: Clinical Nuclear Medicine Application III (Bone Densitometry)	Lecture
S17: Clinical Nuclear Medicine Application I (Thyroid, Bone, Pulmonary)	Lecture
S18: Clinical Nuclear Medicine Application II (GI, Hepatobiliary, Receptor Imaging)	Lecture
S8: Computer in Nuclear Medicine	Lecture
S11: Tracer Kinetics & Modeling	Lecture
S19: Clinical Nuclear Medicine Application IV (Renal, Cardiac Function & Myocardial Perfusion)	Lecture
S20: Clinical Nuclear Medicine Application V (Therapy with Unsealed Radionucldies)	Lecture

Assessment method: 40 % in-course assessment

30 % final examination

30 % others (please specify): test