

Master of Health Science in Medical Dosimetry

COURSE	HOURS
FALL 1	
FIRST SEMESTER	
RADT 3601/MDOS 6601 Principles of Radiation Oncology	4
BRTC 3100/6100 Introduction to Patient Care	2
BRTC 3105/6105 Intro to Patient Care Lab	1
RADT 3641/MDOS 6641 Clinical Internship I	4
STAT 7010 Biostatistics 1	3
Total Hours Fall 1	
14	
Faculty: BRT and STAT Faculty	
SPRING 1	
SECOND SEMESTER	
PYCS 4800/6800 Physics of Radiation Oncology	4
RADT 4613/MDOS 6613 Quality Assurance for Radiation Oncology	1
RADT 4603/MDOS 6603 Quality Assurance for Rad Oncology Lab	1
RADT 4614/MDOS 6614 Radiation Oncology Simulation Procedures	2
RADT 4621/MDOS 6621 Cancer Management	3
RADT 4642/MDOS 6642 Clinical Internship II	4
SAHS 6501 Evidence Based Practice	2
SAHS 6601 Ethics (Elective)	1
HINF 8130 Introduction to Epidemiology (Elective)	3
Total Hours Spring 1	
17-21	
Faculty: BRT and SAHS Faculty	
SUMMER 1	
THIRD SEMESTER	
ANAT 3320/6510 Systemic Anatomy	5
MDOS 7644 Clinical Internship III	6
SAHS 6503 Research Design	3
Total Hours Summer 1	
14	
Faculty: BRT and SAHS Faculty	
FALL 2	
FOURTH SEMESTER	
PYCS 4820/6820 Radiation Oncology Dosimetry	3
ANAT 3100/7100 Sectional Anatomy	2
MDOS 7649 Advanced Treatment Planning	4
MDOS 7645 Clinical Internship IV	4
SAHS 4300/7300 Professional Issues (Healthcare Access, Cost, and Reimbursement; Licensure; Ethics)	1
SAHS 6524 Project Development	2
Total Hours Fall 2	
16	
Faculty: BRT and SAHS Faculty	
SPRING 2	
FIFTH SEMESTER	
PYCS 7900 Advanced Medical Dosimetry Physics	4
MDOS 7646 Clinical Internship V	6
SAHS 7523 Research Project	3
Total Hours Spring 2	
13	
Faculty: BRT and SAHS Faculty	
TOTAL PROGRAM HOURS	
74-78	

Note: Double numbered courses indicate current baccalaureate courses that will be enhanced and offered at graduate level also.