PhD Human Imaging Track (CIP code 26.0209.03) Example Training Plan
NOTE: Only students with MD degrees (or equivalent) can be enrolled in this track

YEAR 1

Fall Semester	CU	Spring Semester	CU
RADI 5001 *Basic Radiation Safety	1	RADI 6049 Supervised Teaching	2
RADI 5090 *Semin. Radiological Sci.	1	RADI 6097 *Research	4
RADI 6097 *Research	4		
TOTAL	**6**	**TOTAL**	**6**

YEAR 2

Fall Semester	CU	Spring Semester	CU
TSCI 5070* Respon. Conduct Research	2	RADI 5090 *Seminars in Radiol. Sciences	1
RADI 6097 *Research	4	RADI 5007 *Statistics in Radiological Sciences	2
		RADI 6097 *Research	3
TOTAL	**6**	**TOTAL**	**6**

YEAR 3

Fall Semester	CU	Spring Semester	CU
RADI 5015 *Physics of Diag. Imaging I	3	RADI 6012 *Physics of Nuclear Medicine	3
RADI 6049 *Introduction to MRI	2	HUMAN IMAGING ELECTIVE	3
RADI 5025 Molec Oncol & Radiobiology	3	RADI 6097 *Research	6
RADI 6097 *Research	4		
TOTAL	**12**	**TOTAL**	**12**

YEAR 4

Fall Semester	CU	Spring Semester	CU
RADI 5090 *Semin. Radiological Sci.	1	RADI 5090 *Seminars in Radiol. Sciences	1
RADI 7099 *Dissertation	11	RADI 7099 *Dissertation	11
TOTAL	**12**	**TOTAL**	**12**

TOTAL FOR DEGREE 72 CU

* Course required for all RADSCI students

‡Student must be admitted to PhD candidacy to enroll in RADI 7099 - Dissertation

**Students who have completed their qualifying exam and have been accepted into candidacy should take RADI 7099 – Dissertation instead of RADI 6097-Research

NOTE: Up to two hours of RADI 5090 can be waived if the student presents research to local and national scientific meeting or equivalent, as approved by COGS.

Students who are unable to complete their dissertation research within the four-year period may continue to be enrolled and take as many hours of RADI 7099 (Dissertation) as is appropriate to their student enrollment status (full- or part-time).

Possible Elective Courses *(student shall work with Supervising Professor to determine most appropriate courses)*

INTD 5046 Meta-analysis in Cognitive Neuroimaging	TSCI 5071 Patient-Oriented Clinical Research Methods – 1
RADI 6015 Physics of Diagnostic Imaging II	TSCI 5073 Integrating Molecular Biology with Patient-Oriented Clinical Research
RADI 6019 Medical Image Processing	
RADI 6050 Magnetic Resonance Imaging	TSCI 5076 Introduction to Informatics
RADI 6051 Statistical Parametric Mapping	TSCI 5078 Intellectual Property, Technology Transfer, and Commercialization
RADI 6017 Neuroimaging Methods	
RADI 6091 Special Topics	