

En passant Programs

The Graduate School is seeking guidance regarding En Passant Master's programs, and wishes to form an Ad Hoc committee in conjunction with the Senate to propose a standard model for these programs. The Ad Hoc committee would gather information about existing programs around campus and at other universities in order to draft a model that could help guide departments wishing to propose a new En Passant Master's. En Passant means the student can earn a master's degree 'along the way' to completing the doctoral degree. Also known as a Master's En Passant in some circles!

The following Programs currently offer an En Passant Master's at the University of Kentucky:

Anthropology
Computer Science
Economics
Educational, School, and Counseling Psychology
Gender and Women Studies
Hispanic Studies
Public Administration
Philosophy
Physics and Astronomy
Political Science
Radiation and Radiological Sciences (approved 2016)

For discussion purposes, here are some models for completing the En Passant and being awarded the Plan B Master's Degree, including a description of the way these degrees are awarded in some of the current programs at U.K.:

- 48 hours of pre-qual course work, followed by successfully passing the qualifying examination to substitute for Plan B final examination
- 48 hours of pre-qual course work, followed by pre-Qualifying written examinations (2) to substitute for Plan B final exam
- **Philosophy:** Students entering the Ph.D. program without an M.A. degree in Philosophy from the University of Kentucky will be eligible to receive an M.A. once they have (a) passed the two first year pro-seminars (PHI 741 & 742) and (b) completed all other requirements for the M.A. degree in Philosophy (including 36 hours coursework). Note – these students will still take a qualifying exam.
- **Sociology:** Recent Senate Approval – Applicants only admitted to PhD program (eliminated entry to MA program). MA program requirements were changed to make them identical to the first two years of the PhD program. The MA may be awarded after specific courses are completed totaling 36 hours and a comprehensive assessment exam is passed. These students will still take a qual exam.
- **Radiation and Radiological Sciences Traditional PhD:** Students who complete this pathway will enter the program and be required to complete all didactic coursework, examinations and research as described in the program proposal. This includes 33 credit hours of core coursework, at least 18 credit hours of guided electives, both parts of the qualifying exam and successful defense of a dissertation. A subset of these requirements will be considered sufficient to have earned an MS degree 'en passant'. These are listed in the attached table. We formally request that this 'en passant' option be included in the PhD program application.

Typical progression pathways for students in Radiation and Radiological Sciences PhD program

Semester	Course title or Activity	Course number	Credits	Core requirement	Required for en-	Required for	Total credit hours accrued	Comments
				PhD	passant MS	legacy MS		
Fall 1	Introduction to Medical Physics	RAS 546	2	Y	Y	Y		
	Interactions of Radiation with Matter	RAS 472 G	3	Y	Y	Y		
	Radiobiology	RM 740	2	Y	Y	Y		
	Clinical Practicum	RM 660	1	N	N	N		Commonly taken and encouraged
	Other (variable, missing prerequisites)			N	N	N		
							8	
Spring 1	Physics of Medical Imaging 1	RAS 647	3	Y	Y	Y		
	Physics of Radiation Therapy	RAS 649	3	Y	Y	Y		
	Dosimetry Systems	RAS 601	2	Y	Y	Y		
	Clinical Practicum	RM 660	1	N	N	N		Commonly taken and encouraged
	Radiation Oncology	RM 842	na	N	N	N		Commonly taken and encouraged
	<i>Deadline for students in legacy MS program to declare shift to PhD program</i>						17	
Summer 1	Research in Medical Physics	RAS 695	1-2	Y	Y	Y		Legacy MS requires 2 total (min), PhD requires 4 total (min)
	Clinical Practicum	RM 660	1	N	N	N		Commonly taken and encouraged
							19	
Fall 2	Imaging Physics Laboratory	RAS 651	2	Y	Y	Y		
	Physics of Medical Imaging 2	RAS 648	3	Y	Y	Y		
	Research in Medical Physics	RAS 695	1-2	Y	Y	Y		Legacy MS requires 2 total (min), PhD requires 4 total (min)
	Clinical Practicum	RM 660	1	N	N	N		Commonly taken and encouraged
	Special Topics in Medical Physics	RAS 710	1	Y	Y	N		Commonly taken and encouraged
	Physics of Brachytherapy	RAS 650	2	N	N	N		Commonly taken and encouraged
	<i>Qualifying exam, part 1, written</i>		0	Y	N	N		Requirement for progression in PhD program
							29	
Spring 2	Research Methods in Medical Physics	RAS 711	1	Y	N	N		
	Radiation Hazards and Protection	RAS 545	3	Y	Y	Y		
	Clinical Practicum	RM 660	1	N	N	N		Commonly taken and encouraged
	Research in Medical Physics	RAS 695	1-2	Y	Y	Y		Legacy MS requires 2 total (min), PhD requires 4 total (min)
	Related science/engineering/medicine Focus area courses 300/400 level or higher	Variable	0-6	Y	N	N		Accrues to the 18 credit hours of guided electives for PhD program
	<i>Final comprehensive oral exam</i>		0	Y	Y	Y		Same as exam used for legacy MS program
	<i>MS awarded 'en-passant'</i>							
							38	
Summer 2	Related science/engineering/medicine Focus area courses 300/400 level or higher	Variable	0-6	Y	N	N		Accrues to the 18 credit hours of guided electives for PhD program
	Research in Medical Physics	RAS 695	1-2	N	NA	NA		Accrues to the 18 credit hours of guided electives for PhD program
							42	
Fall 3	Related science/engineering/medicine Focus area courses 300/400 level or higher	Variable	0-6	Y	N	N		Accrues to the 18 credit hours of guided electives for PhD program
	Research in Medical Physics	RAS 695	1-2	N	NA	NA		Accrues to the 18 credit hours of guided electives for PhD program
	<i>Qualifying exam, part 2, oral research proposal defense</i>							
							47	
Spring 3	Post qualifier residency	RAS 767	2	Y	NA	NA		As required by UK/Graduate School policy
Fall 4 and onward	Post qualifier residency	RAS 767	2	Y	NA	NA	51	As required by UK/Graduate School policy
Variable	Dissertation Defense		variable					2 credits per S and F semesters per UK policy
	<i>PhD awarded</i>							