

# Master's Program (Initial Two-Year Program of the whole Doctoral Program)

## 1. Requirements for Completion

Students who have been enrolled in the Master's Program for two years or more, completed the required courses, earned 30 or more credits, received the required research guidance and successful review of their Master's thesis, and passed the necessary examinations, are recognized as having completed the Master's Program.

## 2. Curricula Table (for students enrolling in AY2014)

[Department of Radiological and Medical Laboratory Sciences]

The years or semesters in which the courses listed in the table below are offered are subject to change.

Field:	Course	Credits	Year, Semester and Times offered				Notes	
			First year		Second year			
			Spring Semester	Fall Semester	Spring Semester	Fall Semester		
Common Courses	Bioethics	2	30				Students must earn at least 6 credits.  * To be recognized by the University as a Total Health Planner, students must take five courses marked with "◎" to earn 10 credits <<information on taking courses is provided outside the column>>	
	Introduction to Management of Medical Services	2		30				
	Introduction to Pathophysiology	2	30					
	Introduction to Medical Technology	2		30				
	Introduction to Consultation	2		30				
	Basic Training Course I	1	←		30	→		
	Basic Training Course II	2	←		60	→		
	Introduction to Health Care System ◎	2		30				
	Research Methods in Health and Medicine ◎	2		30				
	Advanced Topics on Total Health Planner ◎	2			30			
	Practice Theory on Total Health Planner ◎	2				30		
	Seminar on Health Sciences ◎	2	←		60	→		
Introduction to Healthcare System in Asia	2			30				
Health Care Administration	2		←	30	→			
Specialized Courses	Radiological Sciences	Advanced Topics on Radiological System Engineering	2	30			1. Students must earn 2 credits in Advanced Topics designated by their academic advisor, 2 credits in Practicum, and 10 credits in Research Work. In addition, students must earn 6 credits in Specialized Courses.  2. In addition to the above, students must earn at least 4 credits in either Common Courses or Specialized Courses. These credits can be earned by taking Specialized Courses offered in other departments or graduate schools. * These elective portions (freely chosen courses) are referred to as 'float credits'. 3. Courses indicated by "★" are required for students enrolled in the radiation therapy technology professional course.	
		Advanced Topics on Clinical Imaging Diagnosis	2			30		
		Advanced Topics on Medical Imaging and Information	2			30		
		Advanced Topics on Radiation Physics and Therapy	2			30		
		Advanced Topics on Radiochemistry and Safety Management	2			30		
		Advanced Topics on Anatomy and Physiology	2			30		
		Practicum on Radiological Sciences I	2	←		90		→
		Practicum on Radiological Sciences II	2	←		90		→
		Clinical Practice on Radiation Therapy Technology ★	10	←		450		→
	Research Work I	10	←		300	→		
	Pathophysiological Laboratory Sciences	Advanced Topics on Microbiology and Immunology	2			30		
		Advanced Topics on Chemical Pathophysiology	2		30			
		Advanced Topics on Environmental Pathogenesis	2					30
		Advanced Topics on Biological Physiology	2		30			
		Advanced Topics on Molecular Pathophysiology	2					30
		Advanced Topics on Anatomical Pathology	2		30			
		Practicum on Pathophysiology I	2	←		90		→
		Practicum on Pathophysiology II	2	←		90		→
Research Work I		10	←		300	→		
Total		89						

Courses indicated by "★" cannot be taken by students who are not enrolled in the radiation therapy technology professional course.

### <<Information on taking Basic Training>>

Students are not able to take both "Basic Training I" and "Basic Training II".

### <<Information on taking Total Health Planner courses>>

1. Courses indicated by "◎" are Total Health Planner courses.

2. Of these, "Introduction to Health Care System", "Research Methods in Health and Medicine", "Advanced Topics on Total Health Planner" and "Seminar on Health Sciences" can be taken by either students seeking internal recognition as a Total Health Planner or students not seeking such recognition.

3. "Practice Theory on Total Health Planner" is only for students seeking internal recognition as a Total Health Planner.

4. Students seeking to be recognized by the University as a Total Health Planner must earn 10 credits by taking all five Total Health Planner courses as part of the 34 or more total credits required.