

Master's Program in Medical Sciences,  
 Graduate School of Human Comprehensive Sciences  
 [Curriculum and Requirements]

Field/Course/Area/etc.		Medical Sciences Program	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : English in Medical Science and Technology I (1 Credit)	13
		Compulsory Subject : English in Medical Science and Technology II (1 Credit)	
		Compulsory Subject : Lecture and Seminar on Research Management (Basic) (1 Credit)	
		Compulsory Subject : Internship I (1 Credit)	
		Compulsory Subject : Dissertation in Medical Sciences (8 Credits)	
		Compulsory Subject : Medical Science Seminar V : Career Path (1 Credits)	
		Elective Compulsory Subjects	10~
Foundation Subjects for Major	Elective Compulsory Subjects		
Major Subjects	Common Subjects for Major	Elective Compulsory Subjects	
	Major Subjects for Medical Sciences Program	Elective Compulsory Subjects	
		Credits for Completion	30

• Students are required to obtain 30 or more credits, which should include 13 credits from Compulsory Subjects, 10 credits from Elective Compulsory Subjects (at least 8 credits should be from subjects conducted in English), and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 6 credits from subjects in Graduate General Education Courses or subjects in other courses and programs.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

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Field/Course/Area/etc.		Medical Physicis Program	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : Human Anatomy:Lecture (2 Credits)	14
		Compulsory Subject : Internship I (1 Credit)	
		Compulsory Subject : Seminar on Basic in Medical Science (3 Credits)	
		Compulsory Subject : Dissertation in Medical Science (8 Credits)	
	Graduate General Education	Compulsory Subject : Introduction to Academic Integrity (1 Credit)	1
Major Subjects	Major Subjects for Medical Physics Program	Compulsory Subject : Medical Physics IA:Lecture (2 Credits)	14
		Compulsory Subject : Medical Physics IB:Lecture (2 Credits)	
		Compulsory Subject : Medical Physics II:Lecture (2 Credits)	
		Compulsory Subject : Medical Physics III:Lecture (2 Credits)	
		Compulsory Subject : Medical Physics IV:Lecture (2 Credits)	
		Compulsory Subject : Medical Physics V:Lecture (2 Credits)	
		Compulsory Subject : Medical Physics Seminar (1 Credit)	
		Compulsory Subject : Medical Physics Practice (1 Credit)	
		Credits for Completion	30

• Students are required to obtain 30 or more credits, which should include 29 credits from Compulsory Subjects, and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 6 credits from subjects in Graduate General Education Courses or subjects in other courses and programs. Attendance in Major Subjects for Medical Physics Program may be substituted by e-learning, and, in some cases, attendance in subjects and practical courses offered in other universities, medical institutes and research instutues as well as participation in academic meetings related to medical physics.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

• Candidates of qualification of medical physicists organized by Japanese board for medical physicist qualification must take courses of 'Lecture in Human Physiology', 'Biostatistics, Advanced', 'Radiological Science' and 'Applied Medical Information Technology'.

A certificate of medical physics program will be given to whom completed these courses in addition to compulsory subjects.

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Field/Course/Area/etc.		Critical Path Research Program	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : Clinical Medicine (2 Credits)	17
		Compulsory Subject : Introduction to Social Medicine (2 Credits)	
		Compulsory Subject : Lecture and Seminar on Research Management(Basic) (1 Credit)	
		Compulsory Subject : Biostatistics, Basic (1 Credit)	
		Compulsory Subject : Internship I (1 Credit)	
		Compulsory Subject : Medical Science Seminar V : Career Path (1 Credits)	
		Compulsory Subject : Medical Science Seminar VII : Seminar of Clinical Study (1 Credits)	
Compulsory Subject : Dissertation in Medical Sciences (8 Credits)			
Foundation Subjects for Major	Foundation Subjects for Critical Path Research	Compulsory Subject : Health Economics (1 Credit)	1
Major Subjects	Major Subjects for Critical Path Research	Compulsory Subject : Critical Path Research Management (2 Credits)	4
		Compulsory Subject : Regulatory Science of Medical Products (1 Credit)	
		Compulsory Subject : Pharmaceutical Sciences (1 Credit)	
		Credits for Completion	30

• Students are required to obtain 30 or more credits, which should include at least 22 credits from Compulsory Subjects and the other Compulsory Subjects, and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 6 credits from subjects in Graduate General Education Courses or subjects in other courses and programs.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

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Field/Course/Area/etc.		Public Health Program	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : Introduction to Social Medicine (2 Credits)	14
		Compulsory Subject : Biostatistics, Basic (1 Credit)	
		Compulsory Subject : Introduction to Epidemiology (1 Credit)	
		Compulsory Subject : Medical Science Seminar VI: Epidemiology/Biostatistics Seminar (2 Credits)	
		Compulsory Subject : Dissertation in Medical Sciences (8 Credits)	
		* Elective Compulsory Subject	See below for detail
Foundation Subjects for Major	Foundation Subjects for Public Health Program	Compulsory Subject : Health Economics (1 Credit)	5
		Compulsory Subject : Lecture on Health Behavioral Science (1 Credit)	
		Compulsory Subject : Health Care Policy and Management (1 Credits)	
		Compulsory Subject : Health Service Administration (1 Credits)	
		Compulsory Subject : Introduction to health services research (1 Credit)	
	Foundation Subjects for Human Care Science Program	* Elective Compulsory Subject	See below for detail
Major Subjects	Common Subjects for Major	* Elective Compulsory Subject	See below for detail
	Major Subjects for Public Health Program	Compulsory Subject : Epidemiology (2 Credits)	4
		Compulsory Subject : Biostatistics, Advanced (2 Credits)	
		* Elective Compulsory Subject	See below for detail
		Credits for Completion	30

• Students are required to obtain 30 or more credits, which should include 23 credits from Compulsory Subjects, 6 credits from Elective Compulsory Subjects, and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 6 credits from subjects in Graduate General Education Courses or subjects in other courses and programs.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

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Field/Course/Area/etc.		Human Care Science Program	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : Introduction to Social Medicine (2 Credits)	10
		Compulsory Subject : Dissertation in Medical Sciences (8 Credits)	
Foundation Subjects for Major	Foundation Subjects for Human Care Science Program	Elective Compulsory Subject	6~
Major Subjects	Foundation Subjects for Critical Path Research		
Major Subjects	Foundation Subjects for Public Health Program		
Major Subjects	Major Subjects for Human Care Science Program	Elective Compulsory Subject	2~
		Credits for Completion	30

• Students are required to obtain 30 or more credits, which should include 10 credits from Compulsory Subjects, 8 credits from Elective Compulsory Subjects, and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 3 credits from subjects in Graduate General Education Courses or subjects in other courses and programs.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

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[Curriculum and Requirements]

Field/Course/Area/etc.		Dual Degree Program with Graduate School of Pure and Applied Sciences and Graduate School of Systems and Information Engineering (Ph.D. in Engineering)	
Subject Area	Subject	Requirements and Subjects	Credits
General Foundation Subjects	Common Subjects	Compulsory Subject : Dissertation in Medical Sciences (8 Credits)	8
		Elective Compulsory Subject (Compulsory Subject for Medical Sciences Program)	16~
Foundation Subjects for Major	Foundation Subjects for Medical Sciences Program	Elective Compulsory Subject (Elective Compulsory Subject for Medical Sciences Program)	
Major Subjects	Major Subjects for Medical Sciences Program		
Credits for Completion			30

• Students are required to obtain 30 or more credits, which should include at least 16 credits from Elective Compulsory Subjects for "Dissertation in Medical Sciences (8 Credits)" and Compulsory Subjects and Elective Compulsory Subjects for Medical Sciences Program, and the credits from General Foundation Subjects, Foundation Subjects for Major, Major Subjects, subjects in Graduate General Education Courses, or subjects in other courses or programs. Students are also required to submit the Master's thesis and pass the thesis evaluation and final examination. Credits for Completion may include up to 6 credits from subjects in Graduate General Education Courses or subjects in other courses and programs.

• To enroll for subjects offered in other graduate programs, students should obtain prior permission from the instructor of the subject. However, students are allowed to enroll for the Graduate General Education Courses without prior permission from the instructor.

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Field/course/Area/etc.	Master of Public Health Program	
Subject Area	Requirements and Subjects	Credits
General Foundation Subjects	Compulsory Subject : Introduction to Social Medicine (2 credits)	19~
	Compulsory Subject : Introduction to Epidemiology (1 credit)	
	Compulsory Subject : Biostatistics (1 credit)	
	Compulsory Subject : Epidemiology / Biostatistics Seminar (2 credit)	
	Compulsory Subject : Dissertation in Medical Science (8 credits)	
	Compulsory Subject : Health Economics (1 credit)	
	Compulsory Subject : Lecture on Health Behavioral Science (1 credit)	
	Compulsory Subject : Health Care Policy and Management (1 credits)	
	Compulsory Subject : Health Service Administration (1 credits)	
	Compulsory Subject : Introduction of Health Services Research (1 credit)	
	Others	
Major Subjects	Compulsory Subject : Epidemiology (2 credits)	4~
	Compulsory Subject : Biostatistics Advanced (2 credits)	
	Others	
	Credits for Completion	30

Requirements

General Foundation Subjects: 19 credits or more.

Major Subjects: 4 credits or more.

Total credits: 30 credits or more.(Note: Students can take maximally 10 credits from other majors)

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Curriculum and Requirements

Field/course/Area/etc.	Dual Master's Degree Program	
Subject Area	Requirements and Subjects	Credits
General Foundation Subjects	* Dissertation in Medical Sciences (8 credits)	10~
	* Seminar on Basic Medical Sciences (3 credits)	
Major Subjects		10~
	Credits for Completion in Japan	20

Requirements

General Foundation Subjects: 10 credits or more.(Note: \* are compulsory.)

Major Subjects: 10 credits or more.

Total credits in Japan: 20 credits or more.(Note: Students preferably take 10 credits or more in Vietnam / Taiwan)