

Master's Program in Rehabilitation Science

Name of the degree to be conferred	Master of Science in Rehabilitation
Educational purpose	In this course, highly specialized professionals shall be trained, who provide comprehensive and fundamental education for the researchers and specialized professionals relating to rehabilitation, acquire international/interdisciplinary research outcomes and methodology in collaboration with other occupations, scientifically/practically/developmentally solve various problems in their workplace and society and contribute to society.
Vision of human resources development	In this Degree Program, the human resources shall be trained who have comprehensive and inclusive ability necessary for correspondence and development in a broad view relating regarding various problems which working individuals in-service encounter at their workplaces and whose solutions are promptly required. In comprehensive and inclusive rehabilitation area, highly specialized professionals and faculty members with high practical R&D ability relating to scientific solution of frontline problems shall be especially trained.

Diploma Policy

The degree of Master of Science in Rehabilitation is commenced to those who have fulfilled the requirements for the completion of the Master's programs, as set out in the Graduate School Regulations of the University of Tsukuba and related university regulations, and who are deemed to have the following competencies.

Competencies	Evaluation perspectives
1. Knowledge application competence: Ability to contribute to society with advanced knowledge	① Can you apply knowledge gained through research and other activities in society? ② Can you identify new problems, even in other fields of expertise, based on broad knowledge?
2. Management competence: Ability to appropriately address challenges from broad standpoints	① Can you take on major tasks with systematic planning? ② Can you understand and solve problems from multiple perspectives?
3. Communication competence: Ability to accurately and clearly communicate expert knowledge	① Are you capable of efficient communication for research purposes? ② Can you discuss research or research-specific knowledge with experts from your own field and from other fields?
4. Teamwork competence: Ability to work with a team and actively contribute to the achievement of goals	① Do you have experience cooperatively and actively working on challenges as part of a team? ② Have you helped promote projects and activities other than your own research?
5. Internationality competence: Willingness to contribute to international society	① Are you aware of making contributions to international society and getting involved in international activities? ② Have you obtained the linguistic skills necessary for international information collection and action?
6. Research ability: Basic knowledge and ability to set research tasks and carry out a research plan in the areas of rehabilitation.	① If capable of establishing appropriate research plan relating to rehabilitation and properly conveying such plan to others. ② If capable of completing appropriate master's degree relating to rehabilitation and properly make presentation of its results.
7. Specialized knowledge: Advanced specialized knowledge and command of the areas of rehabilitation.	If capable of acquiring highly specialized knowledge relating to rehabilitation and an ability to independently disseminating it.

8. Ethical view: ethical view and ethical knowledge appropriate for the human resources or highly specialized professionals who have basic research ability in the area of rehabilitation.	If having acquired basic research ability relating to rehabilitation and ethical view and ethical knowledge.
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Dissertation evaluation criteria

1. Based on understanding of research trend in and outside Japan preceding research in relevant area, the significance and positioning of the said research in Rehabilitation science field is clearly described.
2. Right amount of original research outcomes that contribute to development in and outside Japan of Rehabilitation science field is contained as master's thesis.
3. Reliability of research outcomes have been sufficiently verified based on sufficient knowledge regarding research integrity.
4. Consideration for research outcomes is valid and conclusion is based on objective evidence.
5. Background, purpose, method, results and conclusions etc. of the research shall be summarized in an appropriate form as master's thesis of Rehabilitation science field.

Level standards required for the degree thesis: Both chief supervisor and sub supervisor(s) can judge that master's thesis has satisfied the above-mentioned 1 to 5.

Review board members: One chief supervisor, two sub supervisors.

Examination method: both the chief supervisor and sub supervisors shall comprehensively judge master's thesis, thesis presentation and oral examination.

Examination items: master's thesis, thesis presentation and oral examination.

Curriculum Policy

The education/research supervision shall be provided to cultivate a basic knowledge, a wide view and generic competences to support the active role in social diversified settings to develop highly specialized professionals based on interdisciplinary rehabilitation and teachers for higher education of training schools for rehabilitation professionals etc. including research ability, specialized knowledge and ethical view that cover four areas of rehabilitation (medical rehabilitation, rehabilitation for special needs education, social rehabilitation and vocational rehabilitation).

Curriculum organization policy	Centering on students' majors, in order to contribute to cultivating basic knowledge and wide view, generic competences in relevant areas, it shall be recommended to take one credit from Inter-disciplinary Foundation Courses. Specific subjects to be registered and system to deploy sub supervisor(s) shall be determined based on research plans career plans of individual students etc. Upon determination, the followings shall be kept in mind: acquiring an ability to find problems and to solve them and research literacy such as a planning ability relating to clinical study, to create master's thesis, to enrich course work in order to acquire skills for presentation and debate communication and enhance qualifications as researchers in clinical study. Additionally, core curriculum shall be organized in order to develop competent human resources with advanced comprehensive perspective by organizing curriculum not confined to ordinary area of expertise.
Learning methods • Processes	(Advisory System) • In order to acquire practical research ability/presentation ability relating to rehabilitation, lectures/seminars relating to various research methods shall be provided and individual and group research guidance and presentation shall be performed from the 1 st year. • Regarding ethical consideration, training sessions and information sessions relating to ethical review shall be held in the 1 st year and individual instruction shall be provided mainly by ethic committee members and supervisors. • Regarding cooperation/collaboration with other areas/other areas, as the area of expertise/employment of the students/graduates are diversified, information exchange and research cooperation shall be frequently conducted with the students/graduates while studying in this course.

	<ul style="list-style-type: none"> •For cultivating practical research ability with an international perspective, the lectures of “Rehabilitation English” shall be provided. Besides, opportunities shall be provided for students to interact with reputable overseas universities for practices/research in rehabilitation area. <p>(Learning Support)</p> <p>The system by which individual consultation shall be individually provided regarding the contents of consultation specific to working graduate students (balancing between work and study, family situations such as parenting/elderly care etc.) by all the faculty members centering on their supervisors. In order that working graduate students can perform learning/research activities by directly coming from their workplace to the university, circumstances etc. of data processing room and research laboratory for graduate students shall be organized. Intensive courses on weekends shall be secured for a certain time due to relationship with their workplace etc.</p>
Evaluation of learning outcomes	<ul style="list-style-type: none"> •Pre-design presentation shall be performed relating to students’ research taskss in the 1st year and their progress status of master’s thesis shall be evaluated. •The students’ master thesis shall be evaluated by conception presentation, interim presentation, final presentation and oral examination in the 2nd year. As the evaluation points of their master’s thesis, structure of the thesis as a whole, validity of consideration/ conclusion and consistency of logics etc. shall be comprehensively evaluated by peer-review by three faculty members, final presentation and oral examination.
Admission Policy	
Desired students	<p>Education shall be provided for the researchers and highly specialized professionals who have an interest in comprehensive/inclusive rehabilitation for the lifespan including elderly people/persons with disabilities/children and perspective of interdisciplinary research. In addition to the above-mentioned, education shall be provided by putting emphasis on training of the researchers and highly specialized professionals relating to rehabilitation who can cross-sectionally analyze/research the four areas of rehabilitation (medical rehabilitation, rehabilitation for special needs education, social rehabilitation and vocational rehabilitation).</p>
Selection policy	<p>Entrance examination shall be implemented for the working individuals who have practical experience of one or more years in rehabilitation-related area after graduating from universities. After releasing admission information and implementing open campus/ admission guidance (April and May), acceptance of applicants shall be closed in the middle of July. The entrance examination shall be implemented at the end of August and the results shall be announced for the entrants of April in the following year in October. In the entrance examination, students shall be provided evaluation by document screening, essay examination to examine basic knowledge and interview test concerning reason for application.</p>