

Degree Requirements and Criteria for Program Completion

**Ph.D. Program in Humanics, School of Integrative and Global Majors (Five-year Consecutive Ph.D. Program)**

**【Degree】**

Subject Category	Types of Subject and Conditions of Registration		Number of Credits Required
Common Subjects	Initiation Subjects	Compulsory	2
		Elective Compulsory	2~5
	Transferable Skills	Elective	0~5
	Problem Discovery Capability	Compulsory	2
	Research Executive Capability	Elective	0~6
Basic Specialized Subjects	Basic Subjects	Elective Compulsory	1~2
	Biomedical Science	Elective	0~8
	Physical Science/ Engineering /Informatics	Elective	0~8
Humanics Specialized Subjects	Compulsory		24
Total Number of Credits Required to Complete the Program			45

•Earn more than 45 credits based on the table above, pass the Qualifying Examination, submit a doctoral dissertation, and pass its review and the final examination.

•Upon satisfying the requirements of the program as stipulated in Article 3-2, Paragraph 3 of the Graduate School Rules of the University of Tsukuba, the student will take Qualifying Examination (QE) and a final examination to determine if he or she has attained the proficiencies given below.

- a) Achieve the specified level in the portfolio-type achievement evaluation
- b) Being able to independently set research issues using biomedical science and science / engineering / informatics
- c) Strong will and sincere attitude to seek the essence of unknown problems
- d) Ability to publish academic papers that are highly regarded internationally by academia or industry
- e) Being able to explain what is needed to implement research results in society

•From "Basic Specialized Subjects", students must earn more than 6 credits which are different from your undergraduate major.

•In addition to the courses provided from Humanics program, students can take courses hosted by other graduate programs or undergraduate schools if the course is educationally beneficial. The graduate general education courses are also available. These credits can be included in the required credits, up to 6 credits.