Common Graduate Courses

Graduate Schools of Hiroshima University offer the graduate students the Common Graduate Courses which are designed to develop their broad perspective and interest in society and awareness of problems and deepen their consideration of how each specialized field can contribute as "sciences leading to sustainable development".

Additionally, the courses help them grasp the latest developments in the social system and acquire the basic knowledge to play an active part in modern society.

All graduate students are required to take at least one (1) credit from each of subject types, "Sustainable Development Courses" and "Career Development and Data Literacy Courses".

Subject Type and Educational Goals

Sustainable Development Courses

To understand the Sustainable Development Goals (SDGs), which are agreed internationally and to acquire the ability to create sciences which lead to sustainable development and to solve various challenges in society.

Career Development and Data Literacy Courses

To learn about the development of current social systems and to gain knowledge necessary for the future era and to specifically tackle the challenges of modern society and to acquire the ability to use the knowledge and skills necessary in the future era.

Course List   AY2023

1.For the master's course and professional degree course

Subject Type	Subjects	No. of credits	Subjects available in English
Sustainable Development Courses	World Peace and HIROSHIMA	1	
	Japanese Experience of Social Development‐Economy, Infrastructure, and Peace	1	
	Japanese Experience of Human Development‐Culture, Education, and Health	1	
	Academic approach to SDGs‐A	1	
	Academic approach to SDGs‐B	1	
	Understanding diversity and Inclusion	1	
	Practical Approach to SDGs	1	
	Considering "Peace" through Atomic Bomb Literature and Arts‐Based on Experience of Atomic Bomb Survivors	1	
Career Development and Data Literacy Courses	Data Literacy	1	
	Data Literacy in Medicine	1	
	Career Management‐Theory & Career Development	2	
	Career Management for Engineers	2	
	Stress Management	2	
	Introduction to MOT	1	
	Information security	1	
	Entrepreneurship	1	
	Introduction to Informatics I	1	
	Introduction to Informatics II	1	
	Introduction to Basic Science Researcher	1	

2.For the doctoral course

Subject Type	Subjects	No. of credits	Subjects available in English
Sustainable Development Courses	SDGs Ideas Mining Seminar for Specialists	1	
	Regional development seminar from the viewpoint of the SDGs	1	
	Seeking Universal Peace	1	
	Atomic Bomb Literature, War Literature and Peace‐Based on Experience of Atomic Bomb Survivors and Concentration Camps' Prisoners	1	
Career Development and Data Literacy Courses	Data Science	2	
	Pattern Recognition and Machine Learning	2	
	Pathway to becoming a Data Scientist	1	
	Utilization of Data Literacy in Medicine	1	
	Skills and Arts of Leadership	1	
	Career Management for Highly Skilled Innovators	1	

	Innovation Practice	2	
	Long-term internship	2	
	Introduction to business creation	1	

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