

## Common Graduate Courses

Graduate Schools of Hiroshima University offer graduate students the Common Graduate Courses which are designed to develop a broad perspective, interest in society, and awareness of social issues. The courses also aim to deepen students' thoughts on how each specialized field can contribute to society as "a science 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 subject type, "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, 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, to gain necessary knowledge for the future era, to concretely tackle the challenges of modern society, and to acquire the ability to use the knowledge and skills necessary in the future era.

### 〈Course List (AY2024) 〉

#### 1. Master's and professional degree courses

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	Climate Change Adaptation and Mitigation	1	○
	Data Literacy	1	○
	Data Literacy in Medicine	1	○
	Advanced Career Management	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. Doctoral courses

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

※Some of the Common Graduate Courses are offered on-demand in order to provide opportunities for students who have difficulties attending school in person to take the courses. For the details, please check Momiji Top [https://momiji.hiroshima-u.ac.jp/momiji-top/en/learning/cginfo\\_e.html](https://momiji.hiroshima-u.ac.jp/momiji-top/en/learning/cginfo_e.html) or contact Education Promotion Group (Liberal Arts).