

## Common Graduate Courses

Graduate Schools of Hiroshima University offer the graduate students the Common Graduate Courses which are designed to develop their broad perspective, interest in society, and awareness of problems, and to deepen their consideration of how each specialized field can contribute 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 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, 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 knowledge necessary for the future era, 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 (AY2026) 〉

#### 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	◎
	Climate Change Adaptation and Mitigation	1	◎
Career Development and Data Literacy Courses	Innovation and Practice for Smart Society	1	◎
	Data Literacy	1	◎
	Data Literacy in Medicine	1	○
	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	
	Advanced Career Management	2	
	Career Management Course for International Students A	1	
	Career Management Course for International Students B	1	
	Career Developments in Semiconductor Industry	1	
Long-term internship	2	○	

#### 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	
	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 ※Not offered from AY2027 onwards.	1	
	Career Management Seminar	1	◎
	Innovation Practice	2	◎
	Long-term internship	2	○
	Introduction to business creation	1	◎

Note:

“◎” indicates that at least one class is offered in English (E).

“○” indicates that at least one class is offered in both Japanese and English (B), but no class is offered in English (E).

No mark indicates that all classes are offered in Japanese (J).