

Hokkaido University Syllabus

 Course Title

Inter-Graduate School Classes(Educational Program):One program for Global Goals

 Subtitle

SDGs Advanced Field Study: Long-term Independent Research Experience on STSI (STSI)

 Instructor (Institution)

OTAKE Tsubasa (Faculty of Engineering)

 Other Instructors (Institution)

OGANE Takeo (Faculty of Information Science and Technology)

ISHIKAWA Tatsuya (Faculty of Engineering)

OKAZAKI Taichiro (Faculty of Engineering)

BIJU VASUDEVAN PILLAI (Research Institute for Electronic Science)

KONNO Yusuke (Faculty of Engineering)

OTAKE Tsubasa (Faculty of Engineering)

MATSUMOTO Takashi (Faculty of Engineering)

TAKAHASHI Kosuke (Faculty of Engineering)

 Course Type				 Open To Other Faculties / Schools	OK
 Year	2026	 Semester	Full Year (Irregular)	 Course Number	101226
 Type of Class	Experiment	 Number of Credits	2	 Year of Eligible Students	~
 Eligible Department / Class				 Other Information	
 Numbering Code	IGS_IDS 5151				
 Major Category Code	 Major Category Title				
IGS_IDS	Inter-Graduate School Classes_Inter-Disciplinary Sciences				
 Level Code	 Level				
5	Specialized Subjects (basics) in graduate level (Master's Course and Professional Course), Inter-Graduate School Classes				
 Middle Category Code	 Middle Category Title				
1					
 Small Category Code	 Small Category Title				
5					
 Language Type					
Classes are in English.					
 Course list by the instructor with practical experiences					

 Key Words

Japan, India, Internship, Teamwork

Course Objectives

This subject aims at contributing to the development of human resources capable of playing central roles in the promotion of teamwork research between Japan and India for Developing Sustainable Transportation System and Infrastructure.

Course Goals

This Course aims to prepare personnel who can play central roles in teamwork between Japan and India for Developing Sustainable Transportation System and Infrastructure. Students are expected to develop the abilities to work in the field, to work in diverse environments, to pioneer, and to identify and solve critical issues.

Course Schedule

Students will set specific research themes and experience team research in each other's countries for more than three months, and work together to achieve certain results for the set theme in a team comprised of students from both countries.

Homework

Participants are expected to spend 20 hours per week under the guidance of a professor at the counterpart university.

Grading System

Evaluation will be done based on the standard of the OGGs-STSI Course. At the end of the internship, final presentation session will be held and both supervisors from Japan and India jointly assess the level of achievement.

A rubric (an evaluation standard indicating the level of learning achievement) will be incorporated in the grading.

Practical experience and utilization for classes

Condition of tasking the subject

Textbooks

Reading List

Websites

Website of Laboratory

Additional Information

The class is a part of the One program for Global Goals-STSI Course.

 Update

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 Class Method

face to face