

Hokkaido University Syllabus

■ ■ Course Title

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

■ ■ Subtitle

SDGs Seminar: International Colearning PBL for Problem Solving (Presentation)

■ ■ Instructor (Institution)

OKAZAKI Taichiro ( Faculty of Engineering )

■ ■ Other Instructors (Institution)

OKAZAKI Taichiro ( Faculty of Engineering )  
 NEGISHI Junjiro ( Faculty of Environmental Earth Science )  
 MARIA STEFANIE DWIYANTI ( Research Faculty of Agriculture )  
 WATANABE Norihiro ( Faculty of Engineering )

■ ■ Course Type

■ ■ Open To Other Faculties / Schools

OK

■ ■ Year

2026

■ ■ Semester

1st Semester (Summer Term)

■ ■ Course Number

101599

■ ■ Type of Class

Seminar

■ ■ Number of Credits

1

■ ■ Year of Eligible Students

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■ ■ Eligible Department / Class

■ ■ Other Information

■ ■ Numbering Code

IGS\_IDS 5141

■ ■ 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

4

■ ■ Language Type

Classes are in English.

■ ■ Course list by the instructor with practical experiences

■ ■ Key Words

sustainability, social infrastructure, environment, diversity, energy

■ ■ Course Objectives

The aim of this course is to develop students' ability to identify and set up specific issues and to examine ways to solve them through PBL on the theme of the SDGs, with a focus on the various problems faced by an increasingly diverse and complex international society. In addition, international students from all over the world are expected to participate in the PBL program and work together to develop international cooperation skills.

#### ■ ■ Course Goals

By the end of this course, you will be able to :

- # Acquire the methods and habits of self-learning
- # Gain the ability to understand problems
- # Gain the ability to think logically and verify
- # Acquire listening and coordination skills through group discussions
- # Acquire the ability to appreciate the diversity of different opinions

#### ■ ■ Course Schedule

1. Identification of the problem
2. Consideration of solutions
3. Discussion
4. Independent study
5. Summary of learning results
6. Presentation

#### ■ ■ Homework

Students will be requested to answer question with reference to lecture materials after each lecture.

#### ■ ■ Grading System

Grades will be given based on a comprehensive assessment of active class attendance(20%), PBL presentation and contribution to the discussion(40%), and Reports(1000 words)(40%).

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

#### ■ ■ Practical experience and utilization for classes

#### ■ ■ Condition of tasking the subject

#### ■ ■ Textbooks

#### ■ ■ Reading List

#### ■ ■ Websites

[This course will be provided as part of the Hokkaido Summer Institute. For more information \(invited lecturers, course details, etc.\), please visit the website below: https://hokkaidosummerinstitute.oia.hokudai.ac.jp/en/courses/](https://hokkaidosummerinstitute.oia.hokudai.ac.jp/en/courses/)

#### ■ ■ Website of Laboratory

#### ■ ■ Additional Information

This course is under One program for Global Goals (OGGs), but any graduate school students can take this course.

■ ■ Update

2026/02/02 12:47:36

■ ■ Class Method

face to face class(partly remote)