

科目名 Course Title	Inter-Graduate School Classes(Educational Program):Nitobe College Honors Program:Graduate Curriculum		
講義題目 Subtitle	Global Advanced Course I		
責任教員 Instructor	TANI Hirofumi (Faculty of Engineering)		
担当教員 Other Instructors	LOMAEVA Marina (Institute for the Advancement of Higher Education)		
	WHITFIELD Dale Lee (Institute for the Advancement of Higher Education)		
	Bomme Gowda Siddabasave Gowda (Faculty of Health Sciences)		
	SCRIMSHAW Travis (Faculty of Science)		
科目種別 Course Type	Inter-Graduate School Classes	他学部履修等の可否 Open To Other Faculties / Schools	OK
開講年度 Year	2024	期間 Semester	2nd (Fall Term)
授業形態 Type of Class	Seminar	単位数 Number of Credits	2
対象学科・クラス Eligible Department / Class	-	対象年次 Year of Eligible Students	-
時間割番号 Course Number	101237	補足事項 Other Information	-
ナンバリングコード Numbering Code	IGS_IDS 9211		
大分類コード・名称 Major Category Code / Title	IGS_IDS / Inter-Graduate School Classes_Inter-Disciplinary Sciences		
レベルコード・レベル Level Code / Level	9 / Others (e.g. study abroad)		
中分類コード・名称 Middle Category Code / Title	2		
小分類コード・名称 Small Category Code / Title	1		
言語 Language Type	Classes are in English.		
実務経験のある教員等による授業科目 Course list by the instructor with practical experiences	-		
キーワード Key Words			
Problem solving, project management, "3+1 Competencies" (Ability for Sustainable Personal Development; Team Organization & Management Skills; Capacity for Knowledge Sharing & Application for Social Benefit; and Professional Ethics), leadership, communication, team building, facilitation, creative thinking, critical thinking, presentation skills, fieldwork, entrepreneurship			
授業の目標 Course Objectives			
Nitobe College Honors Program: Graduate Curriculum aims to develop students into professionals with "3+1 Competencies," (Ability for Sustainable Personal Development; Team Organization & Management Skills; Capacity for Knowledge Sharing & Application for Social Benefit; and Professional Ethics), which are considered essential to thrive in a globalizing world. Toward this goal, in this course, students with different specialties form teams and propose solutions to given problems through collaboration that leverages the strengths of their respective specialties. Students investigate causes and precedents, analyze supporting data in the context of the problem, integrate different ideas, and create original solutions. In addition, students will consider whether solutions can be implemented by considering business plans, etc., and make presentations aimed at stakeholders.			
到達目標 Course Goals			
By completing this course, students will be able to: - Organize and manage team for productive collaboration (clarification and fulfillment of given roles); - Propose evidence-based solutions to given problems with reference to data from similar case studies; - Design the research process and methods, and allocate available resources toward solutions; - Make well-structured and cogent presentation of project outcomes; - Understand what entrepreneurship is.			
授業計画 Course Schedule			
This course adopts problems that students address broad and interdisciplinary social issues, such as Sustainable Development Goals (SDGs). Instructors will give short lectures on a survey and research methodology such as data collection and analysis and the ethical responsibilities associated with them necessary to approach the issues. Students engage in team projects for problem solving.			

【Project】

- Students are given problems to address and solve from Nitobe College instructors and/or guest lecturers (who are usually experts in the thematic fields);
- Students are expected to propose innovative and feasible solutions to given problems, collecting and analyzing suitable data and taking advantage of strengths of different approaches from distinct fields of study;
- Students overview the given problem and clarify the tasks to achieve solutions to set a schedule toward the final presentation which is held in the final session. Using the knowledge and tools of project management such as Work Breakdown Structure (WBS), Gantt chart, role assignment and risk management, the project proposal is created to get the overview of the process. Students are expected to adopt a suitable method from social survey including interview and questionnaire to implement their research process.
- Students conduct the research project according to the plan. They are required to contribute to teamwork by searching reference, making a resume or any contributions outside of the class if s/he does not engage in-class discussion. The research materials and progress of the project are logged and shared within the team using Nitobe Portfolio (NPF) system.
- Through developing business plans, etc, the students consider how the proposed solution can be made into a feasible project that will benefit society. As necessary, we invite lecturers from inside and outside Hokkaido University to give lectures on entrepreneurship and how to start up a company.

【Presentations】

- Students present their survey results and conclusions for a given task. They consider the contents of the presentation and slide design, and then practice for compelling presentations. Students will explain the conclusions reached by the team in order and aim for a presentation that is easy for the audience to understand.
- As part of the Nitobe College's educational goal of knowledge sharing and application for social benefit, in this course, presentations are basically open to the public as well as the stakeholders.

【Review & Reflection】

Students reflect on what learned and not learned through this course and review their research process and conclusion to consider how much the obtained solution can solve the problem, what are remained as unsolved problems, and what can be found as new problems. Furthermore, they are expected to think what can be shared as social benefits or values associated with the solution.

The schedule for each class in AY2024 is as follows;

October 5 (Sat), 2024; Enrollment Ceremony and 1st class

Every Wednesday from October 16 to November 27, 2024, 5th and 6th periods

準備学習(予習・復習)等の内容と分量 Homework

After each class, students are required to submit their learning outcomes, comments on class content, and self-evaluation through the Nitobe Portfolio (NPF).

成績評価の基準と方法 Grading System

The evaluation items are as follows; Active participation in class, contribution to team learning, presentation about the project, learning outcomes and self-evaluation, comments on class content, and self-evaluation of the "3+1 Competencies" as well as final Self-evaluation Report required to submit later to identify/define their learning outcomes and review and revise future learning goals. If new evaluation items are added, explanations will be provided as necessary.

テキスト・教科書 Textbooks

必要に応じて指示する。

Supplementary materials are instructed or provided, where appropriate.

講義指定図書 Reading List

必要に応じて指示する。

Supplementary materials are instructed or provided, where appropriate.

参照ホームページ Websites

<https://nitobe-college.academic.hokudai.ac.jp/>, <https://nitobe-college.academic.hokudai.ac.jp/en/>

研究室のホームページ Websites of Laboratory

N/A

備考 Additional Information

This is a core course of Nitobe College Honors Program: Graduate Curriculum, which is therefore only open to the students who have been enrolled in Nitobe College.

To register for "Global Advanced Course II" offered by Nitobe College, students must complete this "Global Advanced Course I."

For more details regarding registration, refer to Nitobe College Student Handbook.

Inquiries about the course; nitobecollegegraduates@high.hokudai.ac.jp