

科目名 Course Title	Inter-Graduate School Classes (Educational Program): Nitobe College Honors Program for Graduate Students		
講義題目 Subtitle	Advanced II		
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)		
	MIURA Atsushi (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 (Winter 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	101239	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	-		
<b>キーワード Key Words</b>			
Problem finding, "3+1 Competencies" (Ability for Sustainable Personal Development; Team Organization & Management Skills; Capacity for Knowledge Sharing & Application for Social Benefit; and Professional Ethics), project management, field research, data collection & analysis, literature review, team building, team management, communication skills, facilitation, presentation skills, creative thinking, critical thinking, leadership			
<b>授業の目標 Course Objectives</b>			
In this course, through field research, students identify problems worth addressing and solving, or/and review problems that are considered axiomatic. They present project results to the public (including survey collaborators and target persons) and thereby develop higher consciousness about the influence their expertise may have and a higher form of awareness of professional ethics. All innovative projects, not only academic research, must be problem-oriented, beginning with questions. By taking on the challenging task of problem finding at the conclusion of this program, students reaffirm the significance of "questioning," which is essential for future career development. Additionally, they develop the ability to identify/formulate meaningful problems.			
<b>到達目標 Course Goals</b>			
By taking this course, students will be capable of: - Designing research project with pertinent initial questions, proper subjects and sites of fieldwork, and suitable research methods; - Collecting necessary data through participant observation, interview, focus group, survey etc., using acquired communication skills; - Preparing for anticipated ethical issues and responding properly when problem occurs; - Analyzing data in the related context and building discussion and argument; - Concluding and presenting project results, and making them available upon request in an intelligible manner.			
<b>授業計画 Course Schedule</b>			
Week 1: Orientation, Theme The course objectives and goals and the basics of fieldwork will be explained. Students are divided into groups and discuss the topic in their teams to start crafting a project proposal.			
Week 2: Research Design (Project Proposal) Students are required to complete the proposal, using acquired skills in project management.			

The proposal must be focused on (1) objective and goal (what), (2) significance of the project (why), (3) research methods (how), (4) anticipated ethical issues and possible response.

#### Week 3: Proposal Review & Preliminary Research

Students continue to work to complete the proposal, while they are also able to start preliminary research based on the completed proposal.

#### Week 4: Proposal Presentation

Students present their team project proposal to the class and get feedbacks and comments.

#### Week 5-6: Fieldwork & Data Analysis

Students conduct field research according to the proposal. Students proceed with data analysis and discussion.

#### Week 7: Data Analysis & Preparation for Final Presentation

Students build discussion and argument based on the results of data analysis and summarize them in a form of oral and written presentation. The presentation requires to clarify the process that led to the problem discovery.

#### Week 8: Final Presentation & Reflections

The final presentation will be open to the public. Students are required to present project outcomes orally and submit them in a written form as the final report. They reflect on the presentation and the entire term and review the future learning goals.

The schedule for each class in AY2024 is as follows;

Every Wednesday from December 4, 2024 to January 22, 2025, 5th and 6th periods; 1st, 2nd, and 4th-8th classes

December 14 (Sat), 2024; 3rd class (including Mentor forum)

### 準備学習(予習・復習)等の内容と分量 Homework

Students are advised to upload files regarding their team project (e.g., project proposal, references from literature review, and fieldwork data) to their group's portal in NPF to share the perception of the project progress and review project time schedule. In addition, 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 and team report, learning outcomes and self-evaluation, comments on class content, and self-evaluation of the "3+1 Competencies." 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 and have completed "Global Advanced Course I."

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

In addition, this course includes fieldwork, so that students must take out insurance (e.g., Personal Accident Insurance for Students Pursuing Education and Research ("Gakkensai"), Liability Insurance coupled with "Gakkensai" ("Gakkenbai") provided by Japan Educational Exchanges and Services (JEES), etc.) before taking the course. Fieldwork may be conducted outside of class hours.

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