

<b>科目名 Course Title</b>	大学院共通授業科目(教育プログラム):新渡戸カレッジオナーズプログラム大学院教育コース [Inter-Graduate School Classes(Educational Program):Nitobe College Honors Program for Graduate Students]		
<b>講義題目 Subtitle</b>	大学院発展科目 I [Advanced I]		
<b>責任教員 Instructor</b>	繁富 香織 [SHIGETOMI Kaori] (高等教育推進機構)		
<b>担当教員 Other Instructors</b>	SHIMADA Kazuhisa[SHIMADA Kazuhisa](高等教育推進機構), WANG Qianran[WANG Qianran](高等教育推進機構)		
<b>科目種別 Course Type</b>	大学院共通授業科目		
<b>開講年度 Year</b>	2021	<b>時間割番号 Course Number</b>	101256
<b>期間 Semester</b>	2学期(秋ターム)	<b>単位数 Number of Credits</b>	2
<b>授業形態 Type of Class</b>	演習	<b>対象年次 Year of Eligible Student</b>	～
<b>対象学科・クラス Eligible Department/Class</b>			
<b>ナンバリングコード Numbering Code</b>	IGS_IDS 9211		
<b>大分類コード・名 Major Category Code, Title</b>	IGS_IDS Inter-Graduate School Classes_Inter-Disciplinary Sciences		
<b>開講部局</b>	大学院共通授業科目(複合領域)		
<b>レベルコード・レベル Level Code, Level</b>	9 Others (e.g. study abroad)		
<b>中分類コード・名 Middle Category Code, Title</b>	2		
<b>小分類コード・名 Small Category Code, Title</b>	1		
<b>言語コード・言語 Language Code, Language Type</b>	1 Classes are in English.		
<b>他学部履修等の可否 Availability of other faculties</b>	1 可		
<b>補足事項 Other Information</b>			
<b>キーワード Key Words</b>	problem solving; project management; "3+1 competencies" (The ability to attain sustainable personal development, the skills of team organization and management, the capability of knowledge sharing and application for social benefit, professional ethics); leadership; communication; team building; facilitation; creative thinking; critical thinking; presentation; fieldwork; entrepreneurship		
<b>授業の目標 Course Objectives</b>	In this course, students collaborate in team to propose innovative and feasible solutions to given problems, taking advantage of member's expertise. They conduct explore the context and root cause of the problem, refer to existing data from similar case studies, synthesize a variety of ideas and approaches from different fields of study into solutions. Students make the solution feasible through consideration of the business plan etc, and present project outcomes to potential stakeholders.		
<b>到達目標 Course Goals</b>	By completing this course, students will be able to: <ul style="list-style-type: none"> <li>● Organize and manage team for productive collaboration (clarification and fulfillment of given roles);</li> <li>● Propose evidence-based solutions to given problems with reference to data from similar case studies;</li> <li>● Design the research process and methods, and allocate available resources toward solutions;</li> <li>● Make well-structured and cogent presentation of project outcomes;</li> <li>● Understand what entrepreneurship is.</li> </ul>		
<b>授業計画 Course Schedule</b>	This course adopts as problems that students address broad and interdisciplinary social issues, such as Sustainable Development Goals (SDGs). Instructors give short lectures on a methodology as necessary to approach the issues. Students engage in team project for problem solving.  <b>【Project】</b> <ul style="list-style-type: none"> <li>● Students are given problems to address and solve from Nitobe College instructors and/or guest lecturers (who are usually experts in the thematic fields);</li> <li>● 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;</li> <li>● 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.</li> <li>● 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.</li> <li>● Students consider how the proposed solution can be made into a feasible project and returned to society through</li> </ul>		

consideration of business plans, etc. 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.

**準備学習(予習・復習)等の内容と分量 Homework**

Students are required to record learning progress on Nitobe Logbook, while to submit their self-evaluation and comments regarding the class contents to NPF.

**成績評価の基準と方法 Grading System**

Student's performance is evaluated based on their active engagement in in-class assignments and contribution to teamwork, oral presentation, application of Nitobe Logbook and NPF, and Term Self-assessment Report, which is required to turn in at the end of the term with purpose of reflecting learning progress and reviewing future learning goals. Instruction will be given when they are required to complete additional assignment.

**他学部履修の条件 Other Faculty Requirements**

**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 for Graduate Students, which is therefore only open to the students who have completed Nitobe College Foundation Program for Graduate Students and enrolled in the Honors Program. To register for "Advanced II" offered by the Honors Program, students must complete this Advanced I course. For more details regarding registration, refer to Nitobe College Student Handbook.