

Methodology for Global Issues

1	科目番号	Course Number	VB10011
2	科目名	Course Name	Methodology for Global Issues 地球規模課題方法論
3	授業方法	Course Type	1
4	単位	Credits	3
5	年次	Year	1
6	学期	Term	Autumn A, B
7	曜時限	Weekday and Period	Wednesday 2nd/3rd/4th period
8	教室	Classroom	Cooperative Research Building A 112
9	担当教員	Instructors	Aoki S., Bride J., Tsujimura M., Shimpo N.
10	概要	Course Overview	Using the Problem Based Learning Approach, in this course students can deepen the global issues at three levels: 1. deepen the knowledge and the information about a problem, issue 2. how everyone is concerned (I, you, them) and how everything is linked 3. what behaviour to adopt, what to do to tackle the global issues, looking globally to problem and identifying local solutions
11	備考	Remarks	Lectures are conducted in English
12	科目等履修生	Auditor	No
13	教育目標との関連	Link between Course Objectives and Activities	
14	授業の到達目標	Academic Goal	The academic goal of this course is to achieve three levels of learning objectives, which were determined by the UNESCO in the «Education for Sustainable Development Goals – Learning Objectives» such as: 1. Cognitive learning objectives 2. Socio-emotional learning objectives 3. Behavioural learning objectives
15	キーワード	Course Key Words	Global Issues – Sustainable Development Goals (SDGs) – Cognitive Learning Objectives – Socio-Emotional Learning Objectives – Behavioural Learning objectives

16	授業計画	Course Schedule	<p>Wednesday 2-4 periods Autumn A (Tsujiura, M., Shimpo N.)</p> <ol style="list-style-type: none"> 1. How to 'Measure' Environment – Land Survey and Vegetation Survey 2. Problem Finding – History of Science 3. Data Collection – Searching Governmental Data 3. Data Interpretation – Basic Calculation 4. Data Interpretation – Biostatistics (i) 5. Data Interpretation – Biostatistics (ii) <p>Wednesday 2nd period Autumn B (Aoki S., Bride J.)</p> <ol style="list-style-type: none"> 1. Intro, Tackle G.I. 2. Organizations (History, Methodology) 3. Systematic Analysis Complex System 4. Collaboration Competencies 5. Norms, Values, Actions <p>Wednesday 3rd period Autumn B (Aoki S., Bride J.)</p> <ol style="list-style-type: none"> 1. Critical thinking: norms, practices, actions 2. Self Awareness: role Loc/glob Comm/Society 3. Competences for Action 4. Strategic Competencies, Collective Actions for Development 5. Students Presentations <p>Wednesday 4th period Autumn B (Aoki S., Bride J.)</p> <ol style="list-style-type: none"> 1. Critical thinking: take position discourse 2. Self Awareness: 3. Collaboration Competencies: Deal with conflicts in a group 4. Problem Solving 5. Conclusion
17	履修条件	Course Prerequisites and Advisories	
18	成績評価方法	Grading Philosophy (Percentage/Criteria/Methodology)	Small tests 50% (Autumn A) Presentation 50% (Autumn B)
19	授業外における学習方法	Self-Directed Learning Other Than Coursework	
20	教科書、参考書等	Textbooks, References, and Supplementary Materials	
21	オフィスアワー	Office Hours and Contact Information	By appointment shimpo.naomi.gn[at]u.tsukuba.ac.jp [Autumn A] bride.jeremie.gw[at]u.tsukuba.ac.jp [Autumn B]
22	その他(受講生に望むこと)	Other (i.e. Expectations on Classroom Conduct and Decorum etc.)	