

Course Manager

Requisite
Bachelor's Program in Global Issues

Foundation Subjects for Major (Required)

Course Number	Course Name	Instr uctio nal Type	Credit s	Stand ard Academ ic Year	Course Offering Term	Weekday and Period	Instructor	Course Overview	Remarks
VB10001	General Introduction to Global Issues	1	3.0	1	Fall A Fall B	Mon/Fri 1, 2 Mon1, 2	Takahiro Morio, Hajime Akiyama, Rajeev Kumar, Pankaj Kumar, Yanbo Pang	Students look at global issues from various perspectives through this course. First, we discuss what global issues are and share a basic perspective. It then considers specific issues based on sustainable development goals (SDGs).	Lectures are conducted in English. 主専攻必修科目。 face-to-face interdepartmental course
VB10011	Methodology for Global Issues	1	3.0	1	Fall A Fall B	Wed2-4	Ryosuke Ohniwa, Bruno Daniel Philippe Jactat, Hajime Akiyama, 優希 守谷	Students will study 1) academic writing and presentation, 2) philosophy of methodology, and 3) the basis of research and policy recommendation, which form the foundation for identifying and addressing global challenges. Through this, they will acquire fundamental literacy and skills for observing, understanding, and expressing objects and concepts.	Lectures are conducted in English. 主専攻必修科目。 face-to-face interdepartmental course
VB20001	Literacy in Global Issues (Environment)	1	3.0	1	Fall A Fall B	Tue1, 2 Intensive	Takahiro Morio, Maki Tsujimura, 賢吉 川, Naomi Shimpō, あかね 別所, Tadashi Matsumoto	This course aims at acquiring fundamental knowledge to understand global issues from environmental viewpoints. On Tuesdays, students will be required to read the designated textbook on basics of earth environmental sciences together and give presentation on the contents. On the intensive classes, students will learn examples to deepen insights on actual global issues through lectures by experts.	Lectures are conducted in English. 主専攻必修科目。 face-to-face
VB30001	Literacy in Global Issues (Human)	1	3.0	1	Fall A Fall B	Tue3, 4 Tue5, 6 Thu1, 2	Hajime Akiyama, MOE SASAKI	This course focuses on specific approaches to the global issues of social diversity-inclusion as well as human health-wellbeing. Taking concrete examples, students can deepen basic knowledge of the global governance and well-being.	Lectures are conducted in English. 主専攻必修科目。 face-to-face

Major Subjects (Required)

Course Number	Course Name	Instr uctio nal Type	Credit s	Stand ard Academ ic Year	Course Offering Term	Weekday and Period	Instructor	Course Overview	Remarks
VB10012	Seminars on Global Issues III	2	6.0	4	Fall A Fall B Fall C	by appointment	Takahiro Morio	The aim of this series of seminars is to enable each student to determine his/her research theme on specific issues at the global or planetary scale. At this level, students are supervised and directed individually to better enable each one to develop his/her own original approach and be able to contact the appropriate laboratories at the University of Tsukuba.	Students who have completed the Seminars on Global Issues A-II (VB20022) and Seminars on Global Issues B-II (VB30023). Lectures are conducted in English. 主専攻必修科目。 face-to-face (partially online)
VB10013	Practical Training on Global Issues III	3	6.0	4	Fall A Fall B Fall C	by appointment	Takahiro Morio	Students will learn how to set up local, global and international projects both individually and as a team. They will interact with businesses, research institutions, NPO, NGO, and so on, depending on their specific field of interest, in order to research solutions to global-level issues.	Students must follow this course at the same time as or after having accomplished the Seminars on Global Issues III (VB10012). Lectures are conducted in English. 主専攻必修科目。 face-to-face (partially online)
VB10018	Graduation Research I	8	3.0	4	Fall A Fall B Fall C	by appointment	Takahiro Morio, Hajime Akiyama, Bruno Daniel Philippe Jactat	Students may choose to either submit a thesis or undertake an internship according to their specific field of research. Students will be individually supervised by faculty from the different disciplines.	Lectures are conducted in English. 主専攻必修科目。 face-to-face (partially online)

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VB10028	Graduation Research II	8	3.0	4	SprABC	by appoint- ment	Takahiro Morio, Hajime Akiyama, Bruno Daniel Philippe Jactat	Students may choose to either submit a thesis or undertake an internship according to their specific field of research. Students will be individually supervised by faculty from the different disciplines. And students will achieve their challenging work in thesis or report.	Lectures are conducted in English. 主専攻必修科目。face-to-face (partially online)
VB10038	Graduation Research I	8	3.0	4	SprABC	by appoint- ment	Takahiro Morio, Bruno Daniel Philippe Jactat	Students may choose to either submit a thesis or undertake an internship according to their specific field of research. Students will be individually supervised by faculty from the different disciplines. Consult with your supervisor before enrolment.	Lectures are conducted in English. 主専攻必修科目。face-to-face (partially online) Consult with your supervisor before enrolment.
VB10048	Graduation Research II	8	3.0	4	FallABC	by appoint- ment	Takahiro Morio	Students may choose to either submit a thesis or undertake an internship according to their specific field of research. Students will be individually supervised by faculty from the different disciplines. And students will achieve their challenging work in thesis or report. Consult with your supervisor before enrolment.	For those who plan to graduate in the Fall semester. Lectures are conducted in English. 主専攻必修科目。face-to-face (partially online) Consult with your supervisor before enrolment.
VB20012	Seminars on Global Issues A-I	2	6.0	2	SprABC	Wed5, 6 Fri5, 6 by appoint- ment	Takahiro Morio	This series of seminars aims at providing advanced knowledge and skills to understand and solve global issues in the field of "Sustainability," "Disaster" and "Environment" through lectures and discussions. The students will learn various topics in the three themes above. At the end of the course, students will investigate their own topics which they set up and produce a report paper.	This course is for BPGI students, or students who have earned credits of VB10001 and VB10011. Lectures are conducted in English. 主専攻必修科目。face-to-face
VB20013	Practical Training on Global Issues A-I	3	3.0	2	SprABC	Thu5, 6 by appoint- ment	Shuntaro Yada, Takahiro Morio, Ryosuke Ohniwa	This practical training provides foundational experience in research methodology through systematically organized PBL (Problem-Based Learning) focused on Global Issues, especially on the topics of Environmental Issues and Risk & Security Issues. Students engage in intensive exercises covering both theme areas. BPGI faculty guide students through comprehensive methodological training using prepared material ranging from data to fields. The course primarily focuses on learning and practicing essential research methodologies through guided group work. Students conduct methodology surveys using introductory resources and apply learned techniques through hands-on exercises, building core methodological competencies for Global Issues research.	Students must follow this course at the same time as or after having accomplished the Seminars on Global Issues A-I (VB20012). Lectures are conducted in English. 主専攻必修科目。face-to-face
VB20022	Seminars on Global Issues A-II	2	6.0	3	SprABC	by appoint- ment	Shuntaro Yada	This seminar provides intensive theoretical foundation through laboratory seminars focused on Global Issues, especially on the topics of Environmental Issues and Risk & Security Issues. Students engage in laboratory seminars: under the direct guidance of faculty members, students join research laboratories to conduct comprehensive literature reviews, participate in research discussions, and engage in theoretical analysis related to their chosen seminar themes. The course emphasizes deep understanding of theoretical frameworks and research methodologies through real laboratory environments, enabling students to develop solid academic foundations from literature review to critical analysis.	Students must complete the Seminars on Global Issues A-I (VB20012) and the Practical Training on Global Issues A-I (VB20013). Students must take this course at the same time as or after having accomplished the Practical Training on Global Issues A-II (VB20023). 英語で授業。主専攻必修科目。対面 Lectures are conducted in English. 主専攻必修科目。face-to-face

Course Number	Course Name	Instructional Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Instructor	Course Overview	Remarks
VB20023	Practical Training on Global Issues A-II	3	3.0	3	SprABC	by appointment	Shuntaro Yada	This practical training provides hands-on research experience through laboratory internships focused on Global Issues, especially on the topics of Environmental Issues and Risk & Security Issues. Students engage in laboratory internships: under the direct guidance of faculty members, students join research laboratories to conduct experiments, investigations, and field work related to their chosen PBL themes. The course emphasizes practical application of research skills through real laboratory environments, enabling students to experience authentic research processes from problem identification to solution development. Students present their findings and research outcomes, demonstrating their ability to contribute meaningfully to ongoing research projects of the target topics.	Students who have completed the Seminars on Global Issues A-I (VB20012) and the Practical Training on Global Issues A-I (VB20013). Students must take this course at the same time as or after having accomplished the Seminars on Global Issues A-II (VB20022). 英語で授業。主専攻必修科目。対面 Lectures are conducted in English. 主専攻必修科目。face-to-face
VB30012	Seminars on Global Issues B-I	2	6.0	2	FallABC	Wed4, 5 Fri4, 5	Hajime Akiyama, Ryosuke Ohniwa, Shuntaro Yada, Ganchimeg Togoobaatar, 優希守谷, Kuanysh Tastanbekova, 知宏 秋山, Yohei Seki	These seminars will approach a wide range of academic knowledge, evaluation methods, and coping and preventive strategies related to the issues of social diversity-inclusion as well as human health-wellbeing. For the former part, the course will provide a variety of global issues concerning the disciplines of humanities and social sciences. Students will learn what are problems and discuss how we can resolve them. As for the latter part, the course will approach the health matters of aged people, as contemporary society requires information literacy and care of the elderly, as well as molecular level understanding of the health. Students will learn basic concepts and techniques of a survey to grasp problems in a real situation, processing methods, and interpretative strategies for gathered information (documents, data). In the end, students will come up with an action plan and/or original research project aiming at finding and solving problems in a real situation.	This course is for BPGI students, or students who have earned credits of VB10001 and VB10011. Lectures are conducted in English. 主専攻必修科目。face-to-face
VB30013	Practical Training on Global Issues B-I	3	3.0	2	FallABC	Tue3, 4 by appointment	Shuntaro Yada	This practical training provides foundational experience in research methodology through systematically organized classroom-based PBL (Problem-Based Learning) focused on global issues, especially on the topics of Social Issues and Health & Wellness Issues. Students engage in intensive classroom exercises covering both theme areas: BPGI faculty guide students through comprehensive methodology training using prepared datasets and structured analytical tasks. The course primarily focuses on learning and practicing essential research methodologies through guided group work and desk-based analysis. Students conduct methodology surveys using introductory resources and apply learned techniques through hands-on classroom exercises, building core methodological competencies for global issues research.	Students must follow this course at the same time as or after having accomplished the Seminars on Global Issues B-I (VB30012). Lectures are conducted in English. 主専攻必修科目。face-to-face

Course Number	Course Name	Instructional Type	Credits	Standard Academic Year	Course Offering Term	Weekday and Period	Instructor	Course Overview	Remarks
VB30022	Seminars on Global Issues B-II	2	6.0	3	Fall/ABC	by appointment	Shuntaro Yada	This seminar provides intensive theoretical foundation through laboratory seminars focused on Global Issues, especially on the topics of Social Issues and Health & Wellness Issues. Students engage in laboratory seminars: under the direct guidance of faculty members, students join research laboratories to conduct comprehensive literature reviews, participate in research discussions, and engage in theoretical analysis related to their chosen seminar themes. The course emphasizes deep understanding of theoretical frameworks and research methodologies through real laboratory environments, enabling students to develop solid academic foundations from literature review to critical analysis.	Students must complete the Seminars on Global Issues B-I (VB30012) and the Practical Training on Global Issues B-I (VB30013). Students must take this course at the same time as or after having accomplished the Practical Training on Global Issues B-II (VB30023). 英語で授業。主専攻必修科目。対面 Lectures are conducted in English. 主専攻必修科目。face-to-face
VB30023	Practical Training on Global Issues B-II	3	3.0	3	Fall/ABC	by appointment	Shuntaro Yada	This practical training provides hands-on research experience through laboratory internships focused on Global Issues, especially on the topics of Social Issues and Health & Wellness Issues. Students engage in laboratory internships: under the direct guidance of faculty members, students join research laboratories to conduct experiments, investigations, and field work related to their chosen PBL themes. The course emphasizes practical application of research skills through real laboratory environments, enabling students to experience authentic research processes from problem identification to solution development. Students present their findings and research outcomes, demonstrating their ability to contribute meaningfully to ongoing research projects of the target topics.	Students must complete the Seminars on Global Issues B-I (VB30012) and the Practical Training on Global Issues B-I (VB30013). Students must take this course at the same time as or after having accomplished the Seminars on Global Issues B-II (VB30022). 英語で授業。主専攻必修科目。対面 Lectures are conducted in English. 主専攻必修科目。face-to-face