Cross-Departmental Educational Program
"Global Leadership Program for Social Design and Management: GSDM 2.0"
will be established in September 2020.

＜Background＞

The Graduate School of Public Policy, in collaboration with the Graduate School of Engineering, and other seven UTokyo graduate schools, set up an all-round-type Leading Graduate Program for social design and management from the fiscal year 2013, namely the Graduate Program for Social Design and Management (GSDM). The current student body as of mid-2020 includes 16 nationalities and offers a truly cosmopolitan environment. In a post-evaluation conducted in 2019, the program was highly praised for its student-driven initiatives, and received an "S" evaluation, the highest.

Based on this achievement, we will launch a flexible program for a broader range of students in the coming autumn. The "Global Leadership Program for Social Design and Management: GSDM 2.0" will be launched in September 2020. By making it a cross-departmental educational program, students from all graduate schools, majors, and various international excellence graduate programs, will be able to participate. Furthermore, the timing of their participation is flexible and can be adjusted to the needs of both master's and doctoral programs' students.

＜Purpose of the program＞

In today's society, there are economic and social needs associated with structural changes, such as climate change and new pandemic threats. There is also a group of social challenges that are posed by various systemic risks interacting in complex ways. In order to respond to these challenges on a solid research foundation, we need to properly define the global-level challenges that the society faces, and to design solutions by combining knowledge of science and technology with diverse social disciplines, as well as by including institutions, policy, and education, not to mention the development of communication and implementation skills. It is indeed necessary to train people who can become global leaders. To this end, this program provides students with the ability to discover and formulate issues (problem defining skills), the ability to situate the specialized areas of expertise from a bird's eye view (horizontal perspective), the ability to design integrated solutions (design capacity) and the ability to collaborate with various stakeholders to implement solutions (implementation capability). Training will be provided in cooperation with international organizations such as the OECD.

The subject areas to be covered are resources, environment and energy, health and medicine, space and ocean, security, and the global economy. In addition, food and life, AI and digitalization, learning and communication are included. Those cover a wide range of topics. Although these subject areas vary, experts in these fields often find themselves in a similar situation when they are forced to deal with issues that affect numerous stakeholders, and that cannot be handled by a single individual's expertise alone. We face a common problem of how to respond in this situation. In this program, the university provides the place where students can prepare for such situation in the future from the perspective of social design and implementation.

＜Curriculum＞

The specific curriculum includes a compulsory course, entitled S*ocial Design and Global Leadership*, which focuses on problem definition, and covers a wide range of issue settings in various fields, There are also compulsory elective PBL courses that require students to work on specific solutions to specific issues faced by governments, NPOs, and companies. In addition, courses include Core Courses in Global Society and Policy (mainly in social science and humanities), Core Courses in Advanced Science and Technology, and Issue Solving Core Courses to cultivate design and implementation skills suited to specific research issues. The specific courses at this stage are shown in the Appendix.

Of the above, the subjects of the Global Society and Public Policy Core Courses and the Advanced Science and Technology Core Courses cover a wide spectrum of subject areas. Consequently, courses are classified into introductory courses, basic courses, and thematic courses, so that students can easily choose them according to their level.　The main purpose of introductory courses is to provide students with a bird's-eye view of other fields of study, and basic courses are established to provide knowledge of certain generic methodologies and cross-cutting issues, while the thematic courses are designed to provide knowledge on specific issues.

In addition to these courses, practical research by student-led, independent, cross-disciplinary teams, support for international projects such as overseas interns, opportunities for meeting with alumni and stakeholders are provided. We will also provide opportunities for career planning support. The primary language of our activities will be English.

＜Requirements for the completion of the program＞

Completion requirements are as follows.

-2 credits from the compulsory course, 2 credits from a Project Based Learning course, and 8 credits from Global Society and Public Policy Core Courses, Advanced Science and Technology, Core Courses and Issue Solving Core Courses (at least 2 credits from each Core Course, and 4 credits form courses taught in English are required to complete the program).

-Any students in a graduate program (master or doctoral program) can participate in the program.

	Course Title/Classification	Required Credits
Compulsory Course	Social Design and Global Leadership	2 credits
Compulsory Elective Course	PBL Courses	2 credits
	Global Society and Public Policy Core Courses（GSPP）	8credits（at least 2 credits per each core)
	Advanced Science and Technology Core Courses（AST）	
	Issue Solving Core Courses（IS）	
Total		12 credits

*1 PBL courses are also considered issue-solving core courses. But when it is recognized as a required elective PBL course, the course is not counted as fulfilling the requirements of the Issue Solving Core courses.

*2 As a general rule, cross-departmental education programs don't approve the credits which are earned before the official start of the programs. However, as students are not allowed to take the same course again, for the initial phase of this program, credits earned by the compulsory and compulsory elective PBL courses offered before the spring of 2020 will be approved as fulfilling the requirements.

＜Registration and Issue of Completion Certificate＞

Those who wish to participate in this program are required to register in advance.

Upon the completion of the program, a certificate signed by the chairperson of the Education Management Committee of UTokyo will be issued to the students who fit all

the following criteria:

1) All program completion requirements are fulfilled.
2) An application for the cross-departmental educational program online certificate at UTAS is presented by the prescribed date by the student.
3) The student is granted a master's or doctoral degree.

The details for the registration will be announced soon.

＜Contact information＞

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＜Appendix＞

Program Course list