FY2016

"Graduate Program for Social ICT Global Creative Leaders (GCL)"

Recruitment of Mid-course Participation

1. Introduction of the GCL program

A series of new problems and possibilities are emerging as information and communication technologies (ICT) establish complex connections between people and objects in the real world, leading to the emergence of rapidly changing and untested socioeconomic systems. In these circumstances, there is a strong need for reforms to create and implement solutions that are valuable to people.

This program provides a continuous education curriculum from the Master's course through the doctoral course, founded on the application of cutting-edge ICT to big data, complex systems and human systems. We cultivate top leaders and teams who can creatively design intelligent socioeconomic systems that solve pressing social issues and bring new value, and can show the way forward in social innovation, by integrating multiple specialist disciplines.
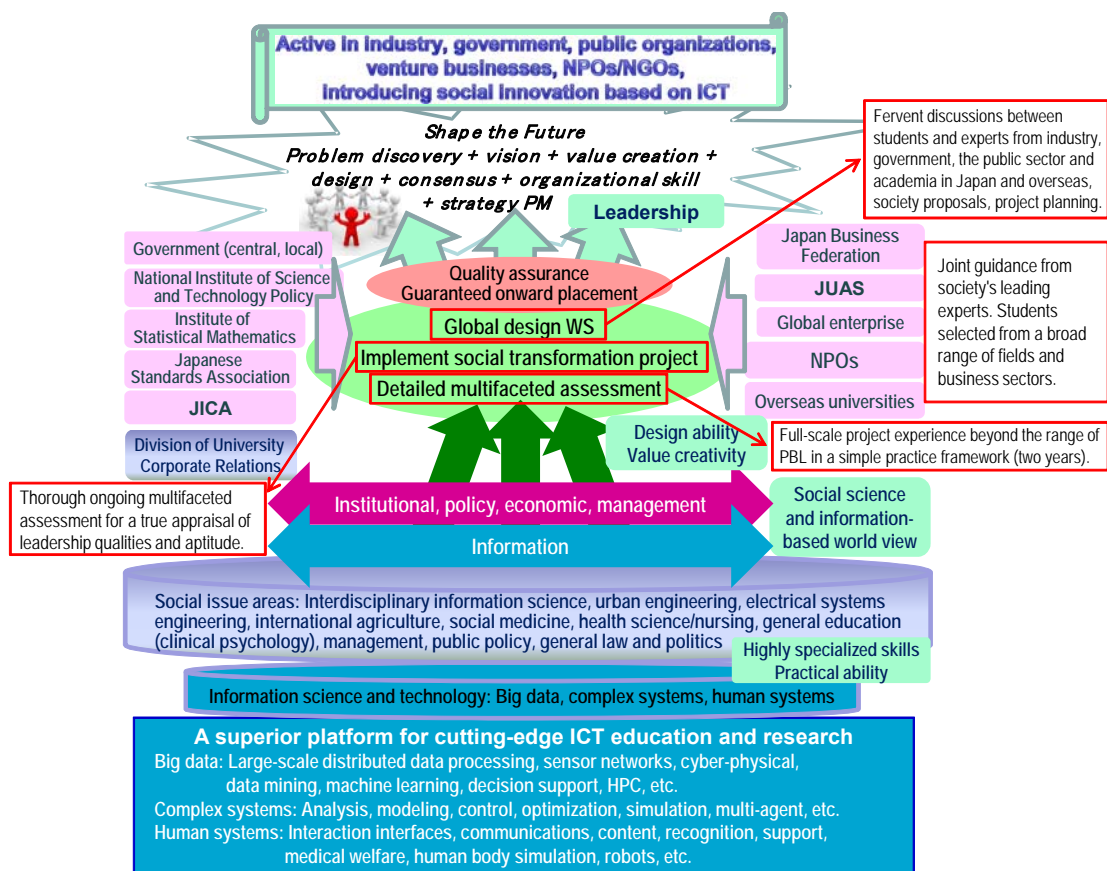

Figure 1. Conceptual illustration of the GCL program

２．Abstract of mid-course participation

This program basically provides a continuous education curriculum from the Master's course through the doctoral course. In addition to this, we also accept mid-course participation students starting from the third year of the program (equivalent to the first year of the doctoral course. See Figure 2.).

Applicants for the mid-course participation at the third year are required the following skills and roles in the program. Having a concrete plan of own Social Innovation Project that can be started soon. Participating in the global design workshops in GCL program as an organizer, leading junior students. Having sufficient knowledge, experience and vision to accomplish that.

３．Eligibility for application

Applicants must fulfill the condition below.

· **Applicant must become a doctoral course student, enrolling either in October, 2015, or in April, 2016,** at one of the departments at the University of Tokyo listed below:

Department	Graduate School
Computer Science, Mathematical Informatics, Information Physics & Computing, Information & Communication Engineering, Mechano-Informatics, Creative Informatics	Information Science and Technology
Interdisciplinary Information Studies	Interdisciplinary Information Studies
Urban Engineering, Electrical Engineering and Information Systems	Engineering
Social Medicine, Health Science and Nursing	Medicine
Global Agricultural Sciences	Agricultural and Life Sciences
Integrated Education Sciences	Education
Management	Economics
General Law and Politics	Law and Politics

４．Notes

· Working students are encouraged to apply. Students who are already participating to the program as RA or TA are also desirable.

· In principle, applicants are required to have learned or experienced the contents

equivalent to those provided in the first and the second years of this program (for details, refer to the homepage of the GCL program). However, they can make up for such learning and experiences during the course if the learning and experiences are not enough at the beginning.

· Having the permission of his/her supervisor, each course student must execute a Social Innovation Project with other members of the program, aspiring to be a leader to show the way forward in social innovation based on cutting-edge ICT.

· Students should sufficiently understand the general concept and rules (e.g. requirements in the curriculum) of the program.

· Students must agree that the completion of the program will be additionally stated in the certificate of Ph.D. degree.

5. Summary and number of students of each year (see Figure 2)

Although this document is targeted to the mid-course participation in the third year, for clarity, here we describe the contents of the whole course starting from the first year.

The first year (the first year of the Master's course): Students will acquire and strengthen basic specialist knowledge and practical skills in the department to which they belong. Meanwhile, they also acquire basic knowledge and viewpoints of social innovation and social ICT, and cultivate problem consciousness, through the original class subjects provided by this program. In addition, they master basic skills to be a global leader, and experience debate and cooperation with top-level persons from society (including those from overseas), through practical English classes, communication skills training courses, and global design workshops.

The number of students for the first year is 60 (in the plan), who will be chosen from applicants through a selection. In the latter half of the first year, each course student decides whether to continue this course to pursue a Ph.D. degree, or to move on to the normal curriculum to finish the Master's course (and possibly go on to the doctoral course). 20 students are selected from those who hope to go on to the second year of the course. Other students will pursue department curriculum, deepening their specialties with the above mentioned basic skills, and are expected to play an active role in society.

The second year (the second year of Master's course): Students pursue a Ph.D. degree as a global creative leader through the original curriculum of this course. In addition to the course original subjects and ones from each student's department, all students are required to undertake an approximately 6-months internship in abroad and/or in Japan (with a financial support, might be in the third year depending on the situation), design a Social Innovation Project, and conduct research practices related to social ICT, and will

attain Master's degree of the departments they belong to. On the condition that they go on to the doctoral course, all students are subsidized (except for those who decline). The number of students for the second year is 20 (in the plan).
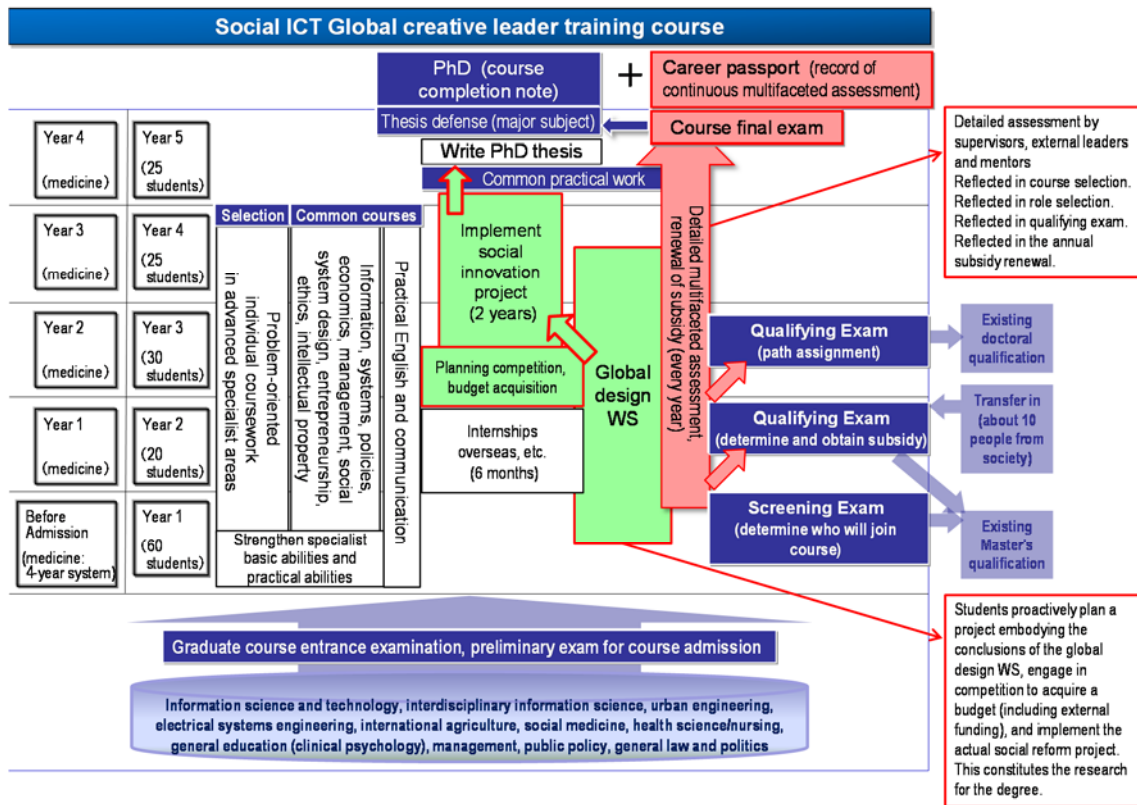

Figure 2. Course flow of the GCL program

The third year (the first year of doctoral course): In addition to the above mentioned class subjects, students implement the Social Innovation Project designed by themselves. The number of students is 30 (in the plan). This includes the students promoted from the second year, and also those selected through the exam (about 10) which is mainly targeted to working people. On the third year and after (until the end of the fifth year), all students are subsidized (except for those who decline).

The fourth year: Students continue taking class subjects and executing Social Innovation Project.

The fifth year: Students summarize achievements of the above project in doctoral dissertation.   When a student has passed the thesis defense, the policy of which reflects the spirit of this program, it will be stated in the diploma that this student has completed this course. In addition, a certification of completion of the course will be given. Students who have finished the program are expected to lead social innovation as an advanced

global creative leader at various places such as companies, government, industrial organizations, and startups.

6. Selection and employment period

Selection for the course students is based on the prescribed application document and oral interview.

Number of positions : about 10 over three recruitments per year

Period of employment : From October 1, 2015 to September 30, 2018 for the students who enroll doctoral course in October, 2015; From April 1, 2016 to March 31, 2018 for the students who enroll doctoral course in April, 2015. (A long term school credit student can be a course student until the end of his/her planned duration.)

Documents to be submitted :
- Application form and its specified accompanying sheets, clipped-on.
- Letters of recommendations from two individuals (other than the applicant. Letters are written in free format, and must be sealed up. Comments on the applicant's competence as a GCL course student should be included.   Examples of recommenders are advising professor, supervisors at interns and companies, but are not limited to them.)
- Academic Transcripts (in a Master's program or special degree program)
- Qualification of English skill (e.g., TOEFL or TOEIC scores)

(For questions about the above documents, contact the GCL program office shown last of this document.)

The period for submission :   The application documents must be submitted to the GCL office (the place is shown in the last part of this document) within the period from 10:00, July 27, 2015 to 12:00, July 30, 2015.   Submission by postal mail is also valid, if it has the postmark date no later than July 28, 2015.

Oral interview :

Interview will take place in the afternoon on August 7, 2015. Applicants may be allowed to take interview on another appointed day, if he/she cannot take interview on August 7 because of special reasons.

A time slot of approximately 90 minutes and a meeting room is assigned to each applicant.   The place and the time will be informed to the applicant via e-mail no later than August 5, 2015.   (If an applicant does not receive the information of the place and the time of the interview before August 6, 2015, make contact with the GCL office via e-mail.)

(0) If you like to hand out some material, prepare 8 copies and hand out them to interviewers before the presentation.

(1) Presentation: Give a presentation about your educational and working experiences in 3 minutes, and the plan of your project in 10 minutes. PC for presentation should be prepared by the applicant.

(2) Question and answer : Each applicant will undertake a question-and-answer period of approximately 15 minutes, based on the submitted application documents and the presentation.

Notification: We are planning to notify the result of the selection personally, as soon as his/her formal acceptance has been opened. Applicants should make a contact with the GCL office via e-mail when his/her admission to the doctoral course is notified.

The formats and the newest information of mid-course participation are given in the program homepage (URL is given at the end of this document).

7. Characteristics of the course and requirements for program completion

(See also the GCL program homepage : http://www.gcl.i.u-tokyo.ac.jp)

・ **Program instructors**

We have about 90 program instructors with diverse backgrounds (from industry, government, the public sector and academia). Through various lectures and workshops, course students can be mentored by these experts in addition to their advising professors. (For details, see the GCL program homepage.).

・ **Detailed multifaceted assessment**

Course students are assessed by means of the detailed multifaceted assessment performed by advising professors, external professors, and mentors, and the Qualifying Examination.

・ **Issue of subsidies**

Course students on and after the second year will be subsidized (the amount of subsidy is renewed every year). However, note that it is not allowed to simultaneously receive other subsidies (including the ones listed below). To receive subsidies from other grants, a course student can decline the subsidies from the GCL program.

Research Fellow (DC) of the Japan Society for the Promotion of Science, Japan Student Services Organization (JASSO) scholarship, Japanese Government (Ministry of Education, Culture, Sports, Science and Technology) Scholarship, JASSO Scholarship for Privately Financed International Students, Scholarship

from home country (for international students), Ph.D. research aid from the University of Tokyo.

(For details, see the GCL program homepage.).

・ **Requirements for course completion**

To complete the course, students are required to accomplish following.

・Taking the lectures "Global Creative Leader Special Practical English Skill I and II"

・Organizing and participating in global design workshops

・Executing the Social Innovation Project

Mid-course participants are required to have already learned and experienced the knowledge and skills equivalent to those provided in the first and the second years of the program, or to make up for them after joining the course. For details, refer to the home page of the GCL program.

８．**Contact information for the program**

GCL program office :

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Tel : 03-5841-8746

E-mail: gcl_admin@gcl.i.u-tokyo.ac.jp

GCL program homepage :

http://www.gcl.i.u-tokyo.ac.jp