"International Graduate Program of Innovation for an Intelligent World" Program

With the advancement of the ICT industry which has become a major industry in the society, there are many trends within each industry segment to revolutionize their schemes using ICT technologies. In Japan, there is a scheme called Society 5.0 which aims to implement an inclusive society making use of the value created by ICT technology which would take advantage of the activeness created by diversity. In order to achieve this goal, it is necessary to nurture personnel who can realize a new academic area/ application area which tries to fuse various diverse research fields with ICT Technologies and can create new value based on the application of this newly created research field. The ultimate goal of this program is to educate PHD students who can grow up to be such researchers and revolutionize the academic and the industrial world.



In this program, students who are planning to enter the doctoral program with the goal of "aiming to create new social values based on informatics" or "aiming to create new fields by integrating various fields with informatics" can apply for this program **regardless of your graduate school or your major**. This program is run by all graduate schools of the University. In the fiscal year 2019, 21 students from 9 graduate schools were recruited to participate in the program. The application period for 2020 will begin in April. For the first-year Master's

students, a briefing session will be held in mid-April, the application period will be closed at the end of April, and the result will be announced in May. At any time, information such as the schedule will be posted on the following home page, so please refer to it.

**Homepage for the International Graduate Program of Innovation for an Intelligent World :**
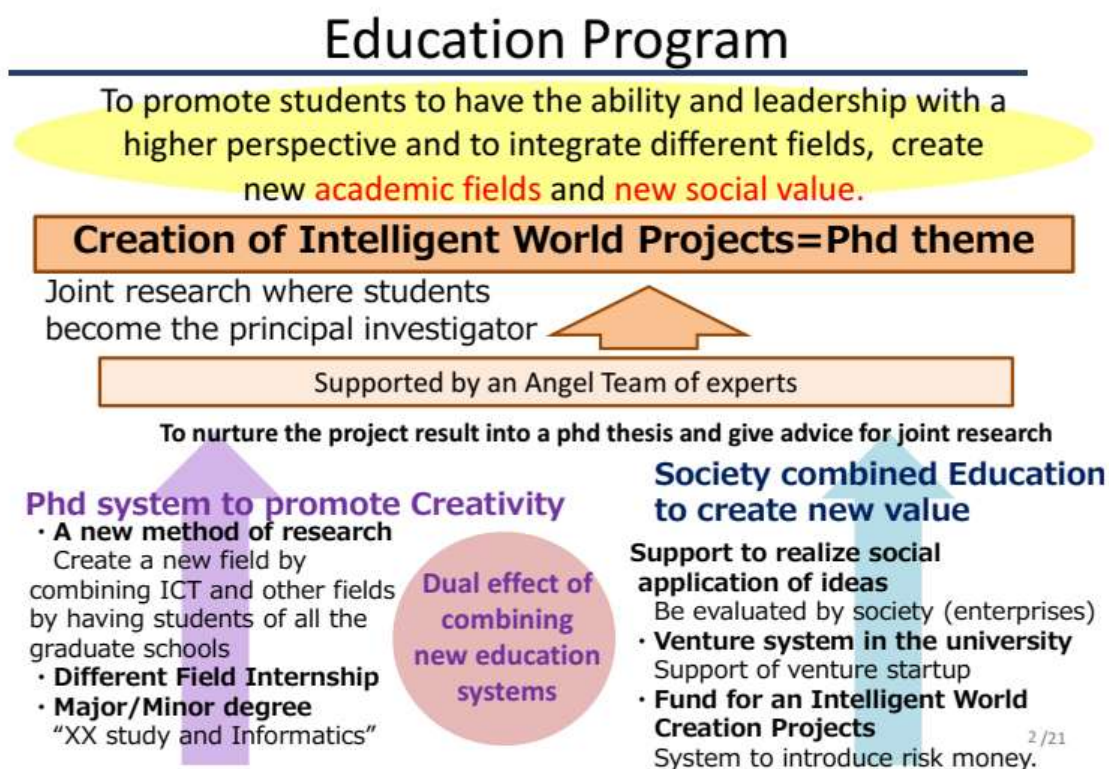
http://www.gcl.i.u-tokyo.ac.jp/takuetsu/ (provisional)

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This program is inherited from the "Social ICT Global Creative Leader Development Program (GCL)" Leading Graduate School. While the main goal of the GCL is to improve society through information technology, this program aims to integrate purely academic fields in addition to social value creation. You are welcome to apply to the program. The outline of this program is shown below.



In order to complete this course, the following conditions must be met.

- For Master course, at least 2 credits for elective subjects in this program are required.
- In total, for the complete Doctoral course, at least 6 credits for elective subjects in this program are required.

- **Participate in various activities including training camps**
- **Carry out internships of at least 3 months in different fields:** at off-campus companies, medical institutions, research institutes, overseas universities, etc. Those who aim to create a new field by integrating with informatics can also carry out interdisciplinary internships in laboratories that are different from their own specialties on campus.
- **Pass the QE (Qualifying Exam):** For Master course, after the first semester of the second year, students are required to submit a research plan for the Doctoral program and are evaluated for their ability to carry out Intelligent Society Creation projects. <span style="color:red">Once you pass the QE, you will receive a subsidy (180,000 Japanese yen per month).</span>
- **Practice the Intelligent World Creation project and pass the examination:** In this program, the research aimed at obtaining a doctoral degree is called the Intelligent World Creation project. (It is not separated from the dissertation research).

Those who are enrolled in curricula other than the Graduate School of Information Science and Technology and the Graduate School of Interdisciplinary Information Studies, have earned at least 8 credits in prescribed elective subjects, and have carried out Intelligent World projects related to the integration of various fields and informatics will be certified with the Informatics Minor (Minor degree).