

# Orientation of Career Development Courses for Doctoral Students

September 28th, 2023 (Thursday)  
12:10 - 12:35

Prof. Hazel Bantolino Gonzales and Prof. Dan Ricinski

Innovator and Inventor Development Platform

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# Innovator and Inventor Development Platform (IIDP)

## Career Development Courses for Doctoral Program: General Information in October of Academic Year 2023

- **The main purpose of this program is to make students be aware of the need to give serious thought to their FUTURE CAREER on regular basis, and take meaningful steps to prepare for it.**
- **For a successful career, students must consider not only the goals related to acquiring knowledge relevant to their major, and fulfilling the research requirements for obtaining their degree, but also the needs of contemporary society, rules of economy, master the ways of effective communication...**
- **Figure out what you need to know and learn so as you increase of chances to live the life you want!**

# Innovator and Inventor Development Platform (IIDP)

## Career Development Courses for Doctoral Program: General Information in October of Academic Year 2023

**Confirm your Dept's doctoral program completion conditions by yourself.**

### ① Completion of doctoral program and graduate attributes (GAs)

Through career development courses established by IIDP, or equivalent career subjects specified by your department, doctoral students are required to earn **four credits** and, in principle, meet **both GA0D and GA1D** during the period until the doctoral degree acquisition. Having earned credits for the courses listed for both GA0D and GA1D is judged as having acquired the two GAs.

### ② Career development courses can be divided into the following three groups:

- **Fundamental common courses (GA0D)**
- **Advanced courses intended for working for academia (GA1D)**
- **Advanced courses intended for working for industry (GA1D)**

Students who join the Tokyo Tech Academy of Leadership (ToTAL) or WISE Program may be able to acquire the required GAs by completion of the programs of these Academies, so please check your education plan guidelines by yourself!

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## Career Development Courses for Doctoral Program: General Information in October of Academic Year 2023

**Confirm your dept's doctoral program completion conditions by yourself.**

- ③ Doctoral students are recommended to take at least one of the following three fundamental career development courses with GA0D in the first year of enrollment:
- **Doctoral Strategies for Balancing Career, Personality, and Lifestyle (in English)**
  - **Doctoral Developing Career Adaptability for Global Competitiveness (in English)**
  - **Doctoral Career Design (in Japanese).**

**Then, they are recommended to take other advanced career development courses with GA1D.**

- IIDP organizes several events and meetings which are not course work.
- IIDP recommends doctoral students to join the informational meetings of Dr's K-meet, including poster sessions, and a middle-term or long-term internship.
- These events and meeting will help doctoral students to realize their internship and job hunting objectives.

<https://www.titech.ac.jp/student/students/life/graduate-timetables>

<https://www.titech.ac.jp/instwide-edu/students/life/career-education>

# Definition or Goal of Graduate Attributes

## **GA0D**

You can clearly design your own career and contribute to realizing scientific, technological, or social innovation through a comprehensive understanding of the knowledge, skills, social responsibilities and ethics required to become an active member of academia and/or industry.

## **GA1D**

You can lead in realizing scientific, technological, or social innovation by acquiring the advanced leadership skills, entrepreneurial skills, knowledge and expertise, and by developing social responsibility necessary for materializing your designed career.

# Career Development Courses Offered by IIDP

## GA0D

博士キ  
Docto

### IIDP Career Development Courses

Docto

There are mainly two types of career development courses: those designed by each department specifically for their own students, and those designed by the IIDP, which are open to all graduate students. In addition, the Department of Innovation Science and the Department of Technology and Innovation Management offer career development courses that any graduate student can take, as long as there are places available (although priority is given to students enrolled in the relevant department).

## GA1D

博士科

博士ア

博士ア

博士ア


博士ア


博士ア


Visit the following page for a complete list of all career development courses offered:

▶ [Graduate Timetables | Academic Life | Current Students](#)

Visit the following pages for the list of all career development courses offered by the IIDP.

▶ [【2023.06.20】 1Q and 2Q Timetable for Master-Level Career Development Courses in 2023 \(in Japanese only\)](#) 

▶ [【2023.06.20】 1Q and 2Q Timetable for Doctoral-Level Career Development Courses in 2023 \(in Japanese only\)](#) 

▶ [Comparative Table for the names of IIDP courses](#) 

博士社会・ヒューマンのルールと倫理

博士企業研究インターンシップ1, 2, 4

博士企業ビジネス・研究開発戦略実践研修

博士リカレント研修1, 2-1, 3, 4, 2-2 (GA0D and GA1D)

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# How to Study and Register for Career Development Courses

- i) Confirm your Department's study guide.
  - ii) Register by yourself through “Web system for Students and Faculty” in the Tokyo Tech Portal.
  - iii) Confirm the credits and GAs you have already earned through “Web system for Students and Faculty.”
- Each Department (graduate major) may offer its own original career development courses for the students belonging to that department. You can take career development courses intended for fulfilling your department's completion requirements offered by either your department or IIDP.

**You should confirm your completion status of the requirements for the career development courses through “Web system for Students & Faculty” in Tokyo Tech Portal.**



# Confirmation of Credits and GAs on the Web System for S & F

## Visit the course scores and completion requirements in the web system

Look up Grades: Required credits

Look up Grades GPA Required credits Competencies that will be developed

Print

- This table enables you to track your progress in earning course credits required to complete your degree program. It includes credit requirements designated for your graduate major and descriptions of credits you have already acquired. Information on the required credits is pre-entered based on either the "Guide to Graduate Education and International Graduate Program" for IGP students or the "Graduate School Study Guide (大学院学修案内)" for other students (depending on your status) that was published for your year of admission. For details on credit requirements and other conditions for completing graduate degree programs, please refer to the relevant Guide via the link below.
- List of Study Guides and Student Handbooks <https://www.titech.ac.jp/english/student/students/life/resources>
- The information herein concerns your graduate major program. For information related to other education programs (e.g., programs offered by academies), please contact the relevant program offices.
- Numbers of acquired credits are counted based on course grades that appear on the "Look up Grades" screen.
- You do not need to take any action to have credits earned from "courses that can be taken as humanities and social science courses" counted as humanities and social science course credits, or have credits from "courses that can be taken as career development courses" counted as career development course credits, in order to use those credits to satisfy the completion requirements. Those changes will be automatically made on the system before procedures for completion of degree programs begin.
- It must be noted that credits from "courses that can be taken as career development courses" cannot be counted more than once as major course (and the like) or career development course credits towards the completion requirements for your degree program. As such, please be reminded that there may be cases where major course credits are insufficient to meet completion requirements if credits from "courses that can be taken as career development courses" are NOT counted as major course credits. Such situations should be avoided. The same applies to "courses that can be taken as humanities and social science courses."
- Japanese language and culture courses offered to international students can be recognized as equivalent to the humanities and social science courses of the corresponding course level.
- Courses marked with asterisks in "required credits" columns have specific requirements depending on graduate major. Please refer to the note written below the table.
- For questions about completion requirements, please contact your academic supervisor or a head of graduate studies for your major. Should you find any inconsistency between information contained herein and the Guide to Graduate Education and International Graduate Program, please contact the Student Division

Required credits

		Graduate major in Nuclear Engineering Required credits	Acquired credits
教養科目群	Humanities and social science courses (600 level)	2	
	Career development courses	4	
	Liberal arts and basic science courses total <A>	6	
Core courses	Research seminars	12	
	Major courses in your Graduate Major (L)	6	
	Major courses in your Graduate Major total <B>	18	
	Major courses outside your Graduate Major <C>		
Total <A+B+C>		24	

GAs acquired by completing courses

A0D, A1D, A2D, A3D, P0D, P1D, P2D, P3D

The second white box from the top will show the number of the credit(s) you will earn. The number of the left box shows "4" that means the credits' number required for completion on career development courses. Since the white box does NOT include the credit(s) of the courses offered by your department, you should count up it by yourself.

This left box will show all the GAs you will acquire. Both GA0D and GA1D should be shown when you complete your program with your Ph. D. or equivalent doctoral degree. Note that this box also show the GA(s) assigned in the courses offered by your department, different from the credit(s).



# Precautions about No Credit Duplication

Credits attained from the Department-offered courses can be counted towards the completion requirements of Doctoral Degree program, **either for the Major Courses or for the Career Development Courses (i.e., NOT for both).**

**Nevertheless, even in the cases where attained credits pertaining to these courses are not considered as Career Development Courses, their associated GAs may be considered to have been acquired.**

**(this is at Department's discretion, so make sure to ask them about it!)**

# Doctoral Recurrent Practice

(courses for students who have already experienced working)

- Doctoral students with job experience before/during enrollment to PhD can be recognized by the University to have already satisfied the completion requirements for a number of courses.
- By providing evidence of their job activity and practical work experience, while considering the goals of GA(s) the students want to acquire, students may earn both credit(s) and GA(s) without attending any class!
- From AY2023, this course is offered at Department level, so please check the study guide of the course (graduate major) to which you belong.

# Information and Support on Research Internship

- The General Incorporated Association “C-ENGINE” has been operating the so-called “Innovator Development Matching (IDM) system.” This offers information on long-term research internship in which about 30 companies belonging to the C-ENGINE are recruiting local and international doctoral students.

<https://www.c-engine.org/>

C-ENGINE: **C**ollaborative **E**ducation for **N**ext-**G**eneration **I**Nnovators &  
**E**xploration of knowledge intersections

- Please apply for C-ENGINE when your doctoral research is going well and you want to experience a long-term research internship.
- Please visit the IDM system in the following URL to apply for it.

<https://www.titech.ac.jp/instwide-edu/students/life/career-education>

Then, submit your IDM registration form to IIDP, which will give you some support, including interview practice.

# IIDP Faculty Members (as of April 1, 2023)



田中 秀数 名誉教授・特任教授  
Tanaka, Hidekazu



ヘイゼル・バントリノ・ゴンザレス准教授  
Gonzales, Hazel Bantolino



ダン・リチンスキ准教授  
Ricinschi, Dan



和泉 章 特任教授  
Izumi, Akira

Many professionals from inside and outside will teach some career development courses offered by IIDP.

## IIDP Career Development Courses

- To learn practical and useful knowledge for career development
- To obtain practical skills, widen the perspective, and enhance the opportunity for a successful career
- To hear about experience of seniors who play important roles in society

Job-hunting guide for international students

and More !

Dr's K-meet

Dr's Internship Event

Opportunities of direct talks with industrial engineers on job search and career development

Annual schedule	2022									2023		
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Dr's Internship Event		*										
Job hunting guide for International students								*				
Dr's K-meet									*			
English/Japanese Training Program										*		

Design your career by yourself

Self-produce your career by learning and practice

Appeal yourself to companies



◎ Overseas Training

◎ Long-term Research Internship

◎ Collaboration with C-ENGINE

◎ On-campus original events

✓ For all students: K-meet ( Kuramae Event )

✓ Guidance for Job Hunting for International Students

✓ Career Talk with International Companies (JETRO Event)

✓ For Doctoral Students: Dr's K-meet (Kuramae Event )

✓ For Doctoral Students: English/Japanese Training Program



24<sup>Tue</sup> ▶ 25<sup>Wed</sup> Oct.

14:00~18:00 on each day  
Tokyo Tech Front 1st Floor

No. of  
Company

72

F2F meeting at every  
company booth

Participants

Doctoral course students and postdocs

Admission  
**FREE**  
Pre-registration  
Required

### What's Dr's K-meet

The Dr's K-meet organized by  
Tokyo Tech Alumni Association and  
the Student Support Center of Tokyo Tech is the largest career fair in  
Japan targeting for doctoral personnel.

Pre-registration  
Deadline  
Mon 23rd Oct.

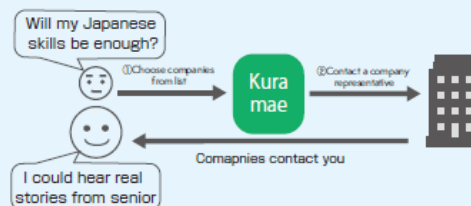
For more information, scan the QR  
code and visit Dr's K-meet page of Tokyo  
Tech Alumni Association web site.



## 2 ways to meet companies Tokyo Tech Students only

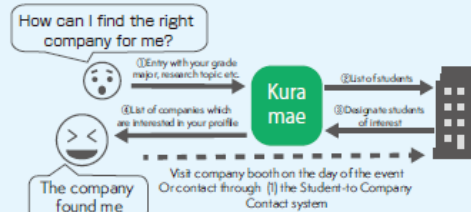
### (1) Student-to-Company Contact system

When you find the company which interests you, contact it!



### (2) Company-to-Student Contact system

You can see which companies are interested in your profile.



## IIDP Contact Details

### Email Address

[iidpinfo@jim.titech.ac.jp](mailto:iidpinfo@jim.titech.ac.jp)

### IIDP Offices

*Ookayama*: South 6 Bldg. Room 406B

*Suzukakedai*: J2・J3 Bldg., 14<sup>th</sup> Flr. Room 1419