# Orientation of Career Development Courses for Doctoral Students Enrolled in April of Academic Year 2022

## 11:40 to 12:05 and 15:40 to 16:05
## on April 5, 2022 (Tuesday)

You can join either of the above two time slots
because the two are essentially the same.

Prof. Hazel Bantolino Gonzales and Prof. Dan Ricinschi

Innovator and Inventor Development Platform

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# Innovator and Inventor Development Platform（IIDP）Career Development Courses for Doctoral Program: General Information in April of Academic Year 2022

**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!

# Innovator and Inventor Development Platform (IIDP) Career Development Courses for Doctoral Program: General Information in April of Academic Year 2022

**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 your internship and job hunting.**

# What are the Definition or Goal of Graduate Attributes for Doctoral Students?

**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.

# 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**

Print

| Look up Grades | GPA | Required credits | Competencies that will be developed |

- 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 | |

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.

**GAs acquired by completing courses**

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

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).

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# Career Development Courses Offered by IIDP

**GA0D**

博士キャリアデザイン

Doctoral Strategy for Balancing Career, Personality and Lifestyle (in English)

Doctoral Developing Career Adaptability for Global Competitiveness (in English)

**GA1D**

博士科学者・技術者の倫理

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博士アカデミックリテラシー

博士アカデミックティーチング

博士アカデミック海外研修

博士アカデミック国内研修

博士アカデミックプレゼンⅠ, II, III, IV, V

Doctoral Technical Discussion (in English)

Doctoral Technical Writing (in English)

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Doctoral R&D and Business Strategies of Global Companies (in English)

博士社会・ビジネスのルールと倫理

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)

# Doctoral Recurrent Practice
(courses for students who have already experienced working)

▸ Doctoral students with job experience before/during enrollment can register for the courses LAC. P661 to 665. The students who want to register for these courses have to prove their job activity and experience before/during enrollment to the doctoral program. On the basis of the job activity evidence and the goals of GA(s) the students want to acquire, they may earn both credit(s) and GA(s) without attending any class.

▸ Please visit the following URL to get more detailed information.

https://www.titech.ac.jp/student-support/students/life/career-education

# 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: Collaborative Education for Next-Generation INnovators &

    Exploration 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/student-support/students/life/career-education

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

# IIDP Faculty Members

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.

# The program of IIDP
# It is not just a lecture!

**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

**and More !**

**Job-hunting guide for international students**

**Dr's K-meet**

**Dr's Internship Event**

**Opportunities of direct talks with industrial engineers on job finding 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**