

# For Doctoral Program Students

Innovator and Inventor Development Platform (IIDP) - FY2020 April -  
Career Development Courses for Doctoral Program General Information

Please surely confirm YOUR Dept's doctoral program completion conditions by yourself.

## ① Completion of doctoral program and GAs

Through career development courses established by the IIDP, or equivalent career subjects specified by your department, students are required to earn 4 credits (in principle, meet 4GA) during the period until the doctoral degree acquisition. Earning the credit in the course corresponding to plural GAs is judged to cover all GAs.

## ② Registration of Leader Program

Select either the Academic Leader Program(ALP) or the Productive Leader Program(PLP) based on their individual career plans by the end of Spt. 2020 via “Web system for Students and Faculty”. But the students of the Program for Leading Graduate Schools need not take these programs.

## ③ For program selection

Taking the most basic career course “**Strategy for Balancing Career, Personality, and Lifestyle**”, “Doctoral Career Plan”, or “Doctoral Career Design” at first is strongly recommended. ALP/PLP Practice follows thereafter.

# 1. Completion of doctoral program and GAs

Taking 4 credits of career development courses established by IIDP or by your department is necessary for completing your doctoral program. The 4 credits should meet the 4 Graduate Attributes (GAs).

## ALP GAs

A0D: You will be able to precisely draw your own career plan and self-train yourself to acquire the skills required for attaining your goals in the academic field.

A1D: You will be able to ascertain the true nature of phenomena, master the secret of learning, and lead the pioneering of a new academic discipline or research area.

A2D: You will be able to understand the position of academia in society as well as the notion of responsible conduct of research, and adequately explain the academic progress to members of society, which is the stakeholder.

A3D: With the understanding of the social roles and responsibilities of researchers, you will be able to nurture junior students in educational institutions, instilling in them an interest in academics and enabling them to later join in the pioneering of new academic disciplines or research areas.

## PLP GAs

P0D: You will be able to precisely plot your own career plan and train yourself to acquire the skills required for attaining your goals in the industry, etc.

P1D: You will be able to precisely grasp the needs of society and detect its problems, comprehend relevant laws, or guidelines for responsible conduct of research, and lead the future developments in science and technology.

P2D: While leading teams consisting of members with varied specialties and value systems, you will be able to create products and enterprises that bring forth new values in the society.

P3D: With the understanding of the social roles and responsibilities of engineers, you will be able to nurture junior students through the project, enabling them to later join in the development of next generation society and industry.

# How to study and register for the career development courses

- i) **Confirm your department's study guide.**
- ii) **Register through the Tokyo Tech Portal by accessing to “Web system for Students and Faculty”.**

- All the graduate students in Tokyo Tech are needed to study the career development courses in order to complete the graduate programs. (**General guideline: Doctor = 4 GAs with 4 credits of the career development courses**) Please refer to the study guide of your department, syllabus, etc. and confirm your degree program completion conditions.
- The department you belong to establishes its original career development courses for all department students. You can take career development courses which either your department or IIDP provides.

**You should confirm your completion status of the requirements for the career development courses through “Career Development Courses Progress” via Web system for Students and Faculty.**

# Cultivating preliminary understanding of career by GA0 lectures

<http://www.iidp.titech.ac.jp/program-index.html>

## AOD & POD

博士キャリアデザイン (Drs. Career Design)

博士キャリアプラン (Drs. Career Plan)

Strategy for Balancing Career,  
Personality, and Lifestyle

Developing Career Adaptability for  
Global Competitiveness

■ 4 Lectures are independent

■ Therefore, whichever is fine, the assumed credit of GA 0 is 1.

# ALP Practice Courses

A1D

A2D

A3D

■ ALP研修基  
礎

■ ALP研修 I (ティーチング )  
ALP Practice I (Teaching Practice)

■ ALP研修 II (海外研修)  
ALP Practice II (Overseas Training)

■ ALP研修 III (国内研究機関研修)  
ALP Practice III (Research Inst. Training in Japan)

■ ALP発展研修 IV  
ALP Advanced Practice IV

■ ALP発展研修 V  
ALP Advanced Practice V

# PLP Practice Courses (in Japanese)

授業科目 (Course)	対応GA				開講Q	概要 ( Course Outline )
	P0D	P1D	P2D	P3D		
PLP研修 (PLP Practice)			○	○	通年 (All year)	<ul style="list-style-type: none"> <li>中長期インターンシップ ー0.5～3ヶ月(0.5～3 Months)</li> <li>ー実習先の発掘、契約、経費*など IIDPで支援(IIP supports)</li> </ul> <b>インターンシップ説明会を5月29日 (金)午後開催予定</b>
PLP発展研修 (PLP Advanced Practice)		○	○	○	第2Q、 2020 (2nd Q)	<ul style="list-style-type: none"> <li>集中講義(半日X3回)</li> <li>産業界との連携プログラム</li> <li>グループディスカッションベース</li> <li>受講生人数に制約</li> </ul>

\* 予算により制限有り



# ALP/PLP Common Career Courses (GA1,2,3)

A1D

A2D

A3D

**Critical Thinking**

**Technical Writing**

**科学者・技術者の倫理\***

\* (irregular) A2D&A3D and P1D&P3D

**知的財産概論**

**Technical Discussion**

**グローバル企業の  
研究開発実践論**

**Developing Career Adaptability for  
Global Competitiveness\* \***

\* \* A0D and P0D are also applied.

**R&D Activities  
of Global  
Companies**

**科学者・技術者の  
倫理\***

\* (irregular) A2D&A3D and P1D&P3D

**科学者・技術者の  
倫理\***

P1D

P2D

P3D

# It is not just a lecture!

## IIDP Career Courses

- To learn practical and useful knowledge for career development
- To obtain practical skills and widen perspective for career
- To touch experiences of seniors who play big roles in the society

And more !

Job hunting guide for foreign students

Dr's K-meet

Drs. Internship Event

Opportunities of direct talks with engineers of companies on job finding and career development

Annual schedule	2020									2021		
	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Select ALP or PLP						*						
Drs. Internship Event		*	May 29 (Friday)									
Job hunting guide for foreign students								*				
Dr’s K-meet									*			
English 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 Foreign Students
- ✓ Career Talk with Foreign Companies (JETRO Event)
- ✓ For Doctor Students : Dr's K-meet ( Kuramae Event )
- ✓ For Doctor Students : English Training Program