

# Global Leader Program for Social Design and Management

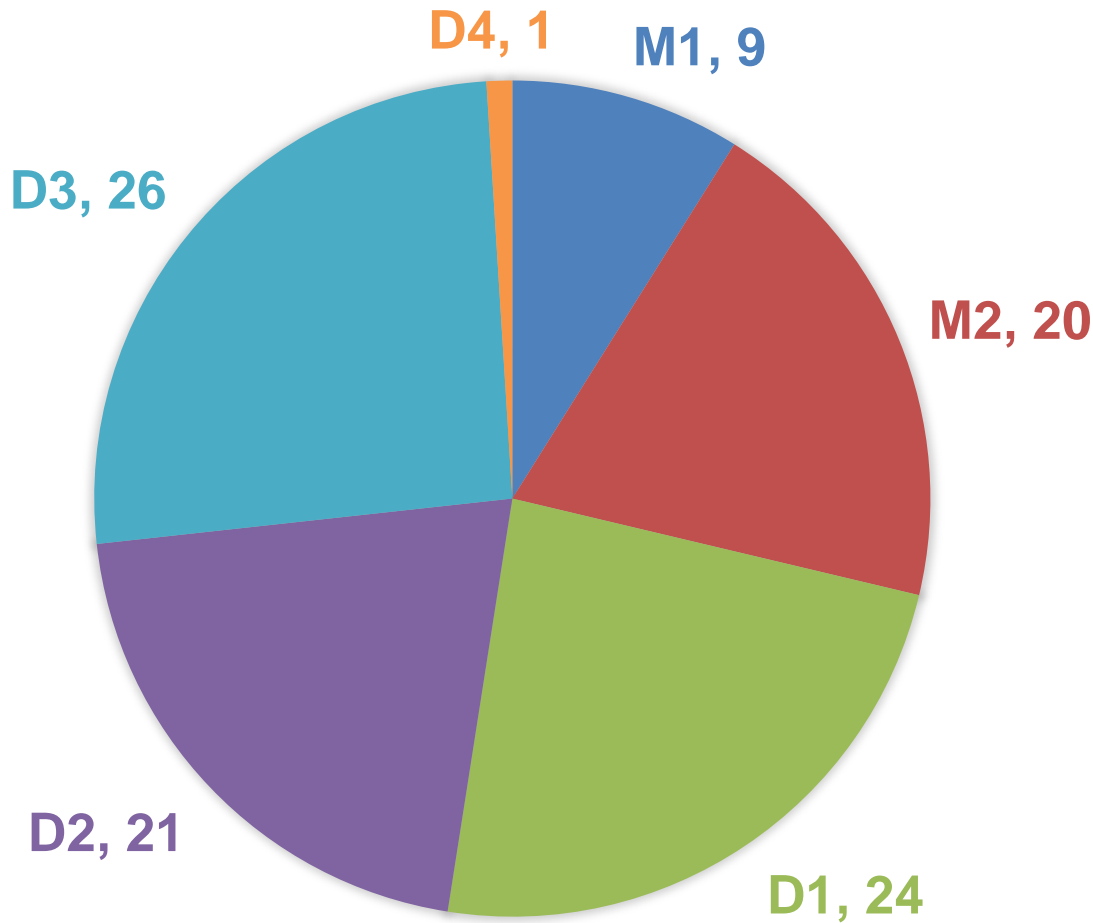
## Program Guidance

17 April. 2017

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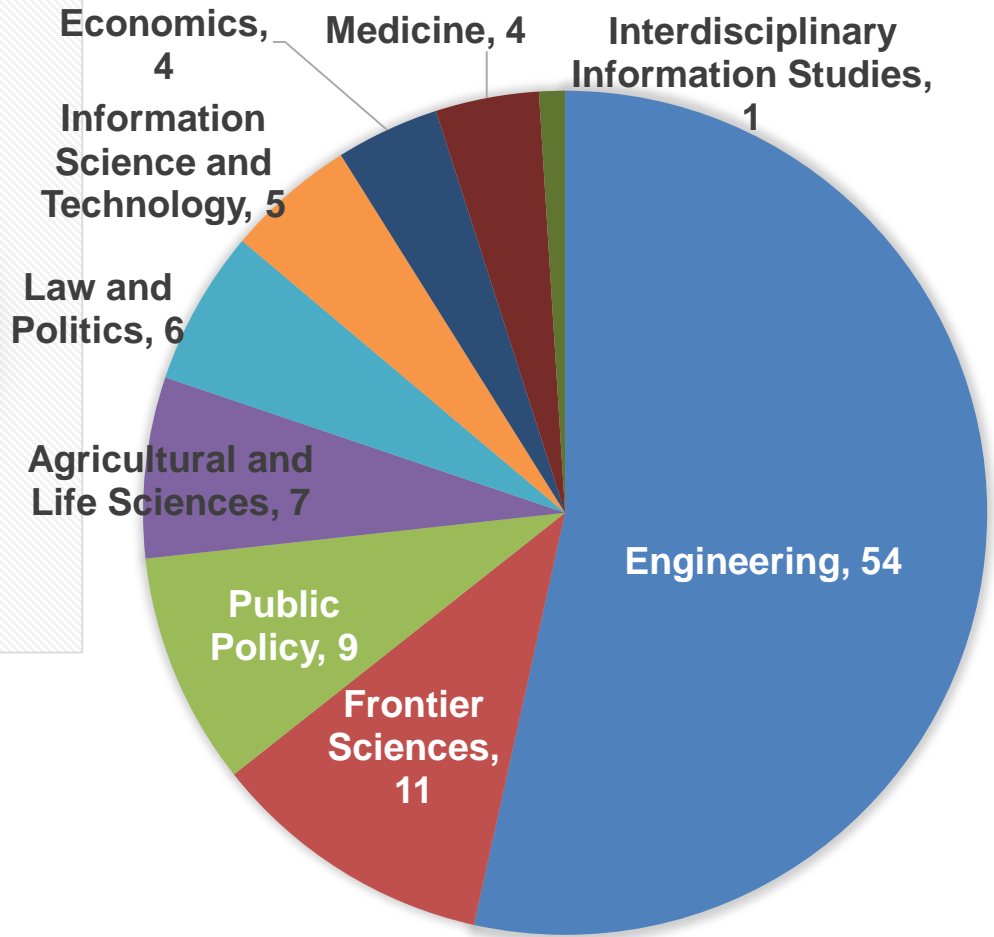
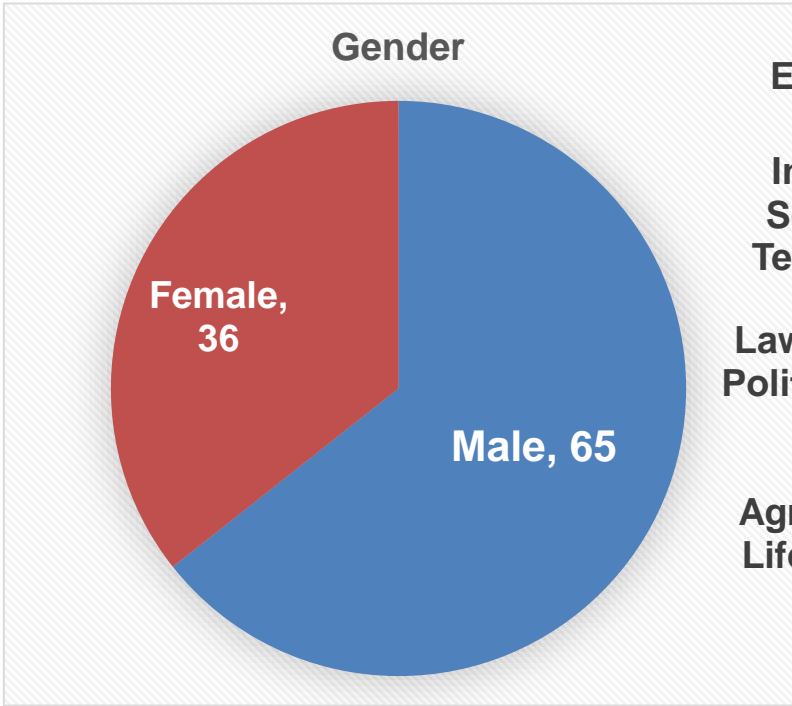
# 101 GSDM Students as of today



Nationality	
Japanese	52
Chinese	13
Korean	8
Indian	6
American	3
Taiwanese	3
Australian	1
Bangladeshi	1
Canadian	1
Finnish	1
French	1
Ghanaian	1
Indonesian	1
Iranian	1
Italian	1
Madagascan	1
Nepali	1
Serbian	1
Singaporean	1
Spanish	1
Thai	1
Vietnamese	1
Total	101



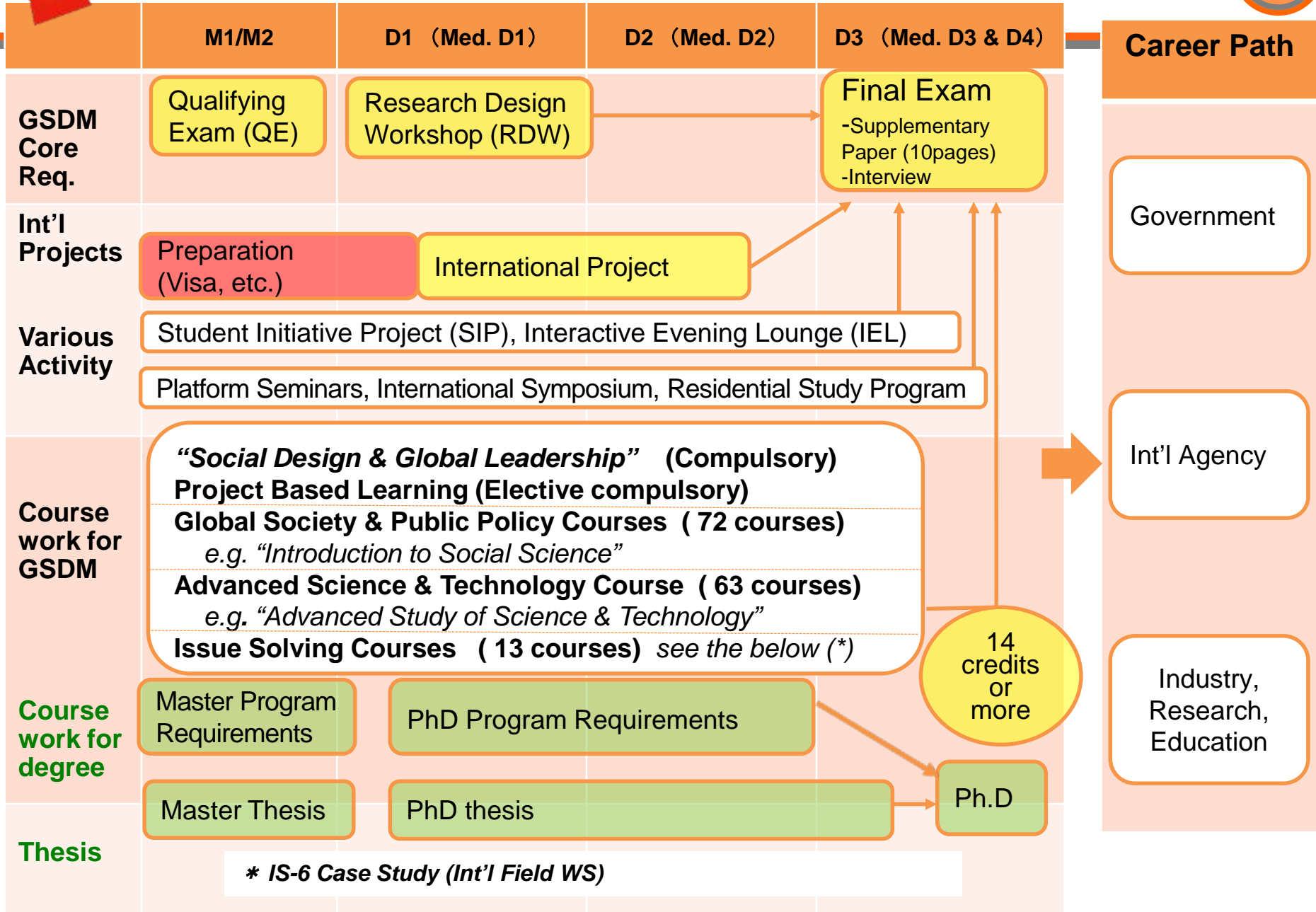
# 101 GSDM Students as of today



Affiliation



# GSDM Curriculum Map



\* IS-6 Case Study (Int'l Field WS)



- Cultivate lateral deployment, design and implementation capabilities in addition to basic discipline and expertise at each graduate school.
  - ❖ Global Society & Public Policy Courses (72 courses)
  - ❖ Advanced Science & Technology Courses (63 courses)
  - ❖ Issue Solving Courses (13 courses)
- Note: Requirements for taking QE
  - ❖ 2 credits from each course (total 6 credits).
  - ❖ 'Social Design and Global Leadership' can be substituted for 2 credits of Issue Solving Courses.
- \*D1 students also need to fill same requirements before RDW
- \*Students need to take SDGL and PBL during first two years



- (1) Pass the compulsory course 'Social Design and Global Leadership'  
2 credits, in English
- (2) Pass the Project Based Learning (PBL)  
Either Engineering Competency I [IS-1] or Case Study-PBL [IS-7]
- (3) Take required credits from  
3 Core Courses of Comprehensive Coursework
  - 4 credits from Advanced Science Technologies Courses
  - 4 credits from Global Society & Public Policy Courses
  - 2 credits from Issue Solving Courses

\*Among these 10 credits, minimum 6 credits from English-taught
- (4) Pass the Qualifying Examination (QE) \*Master students only
- (5) Pass the Research Design Workshop (RDW)
- (6) Pass the International Project



**Final Exam**

(Supplementary Paper of 10pages & Interview)



# Final Exam & Supplementary paper

- Submission of the **supplementary paper: Two deadlines**
- **Final examination: one month before PhD completion**  
(the time line with ★ in the chart below).
- However, with **an earlier submission:**  
you can take the final exam 7 months before PhD completion  
(★ in the chart below)

Expected PhD completion		Deadline of submission of Supplementary paper	Final Examination
September 2019	★	Nov 30, 2018	February, 2019
	★	May 31, 2019	August, 2019
March 2020	★	May 31, 2019	August, 2019
	★	Nov 30, 2019	February, 2020



# Social Design and Global Leadership

## 【Compulsory Course】

### ■ Goal

- Acquire skills to identify social issues and design solutions, primarily in the form of problem definition, while taking an active role as a global leader
- Development of the students' ability to perform group work
- Acquisition and development of leadership capabilities

### ■ Learning Process

- One lecture, followed by group work
- Intensive discussions about cases

### ■ Case study on:

- International space collaboration, Energy security  
International public health, International economic management

### ■ Learning Outcomes

- Problem definition skills
- Refined presentation skills
- Proficient communication skills







# Social Design and Global Leadership

## 【Compulsory Course】

### ■ Schedule of AY2017

Apr. 22 9:00-13:00	AM	Introduction	Prof. Shiroyama
	PM	Basic concepts and methods for social design and management and Medical Innovation	Prof. Suzuki
May. 13 9:00-12:30	AM	Space collaboration	Prof. Nakasuka
Jun. 3 13:30-17:00	PM	International public health	Prof. Shibuya
Jun. 17 9:00-17:30	AM	Energy Security	Prof. Tanaka
	PM	International economic management	Prof. Kawai
Group formation for final presentation			
Jul. 16 9:00-14:00	AM	Presentation by groups and comments	
	PM		



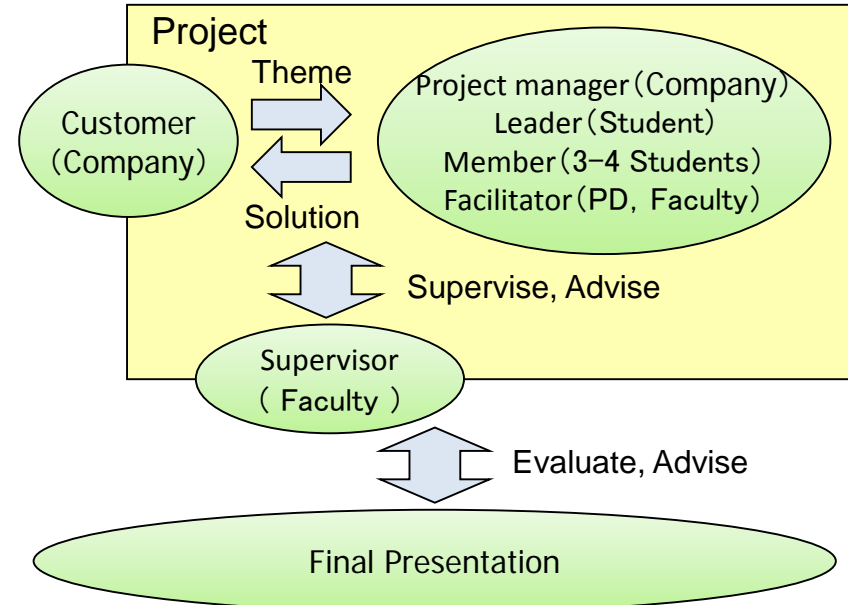
- Elective compulsory from AY2016
- Students are encouraged to identify problems in the society, and to experience specific project, design/planning, launch, operation, execution, and evaluation to refine problem solving abilities.
- Students should develop the ability to formulate and evaluate options for problem-solving
- Schedule of AY2016 (A1&A2) TBD
  - Schedule in 2016
    - [Oct. 16th and 29th]
      - Introduction: Identify problem, envisage trade-offs and conflicts
      - Cases shared by 3 guest speakers “Global competition, Medicine and law, Environmental Innovation and IT policy”
      - Group discussion focused on those issues
      - Topics chosen by each of the 4 groups, information sharing on the background context of those topics
      - Thorough discussion workshop = “JUKUGI workshop” ==> **Approx. 1 month of group work**
    - [Dec. 10th]
      - Follow up
    - [Jan. 22nd]
      - Presentation, Evaluation feedback



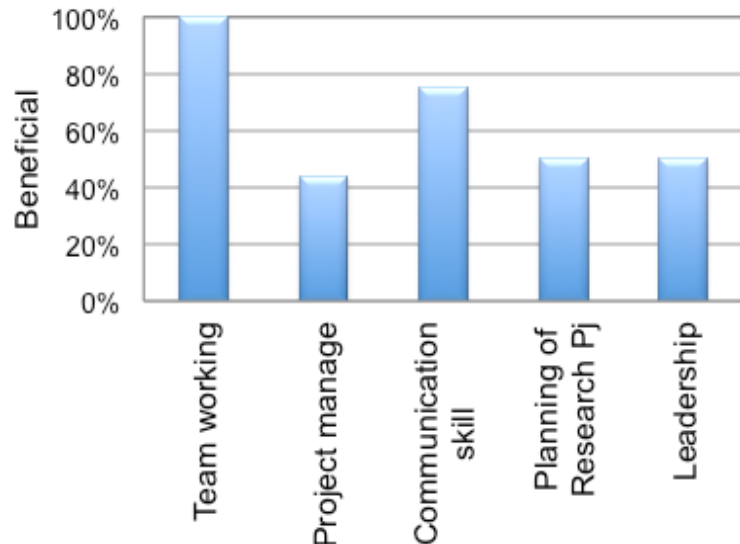
# Engineering Competency I

## (Project Based Learning) [Elective Compulsory]

- Business solution
  - Real-life problems from company
  - not only idea but product, verification
  - 5 month group work
- Team
  - Different Lab., department, nationality students
  - Company member
- Foster
  - Teamwork
  - Project management
  - Needs-oriented R&D approach



▲ PBL Framework



▲ Students feedback



▲ Final Presentation



# 2016 PBL Member

■ Theme1. Railway Service for Foreign Tourists Using ICT Technologies for Tokyo Olympic/Paralympic Games				
No.	Affiliation			Name
1	East Japan Railway Company	Proposer of the Theme	JR Research and Development Center	Shiraishai Nobuo
2	East Japan Railway Company	Proposer of the Theme	JR Research and Development Center	Tanaka Michiko
3	East Japan Railway Company	Proposer of the Theme	JR Research and Development Center	Ryoki Shinici
4	The University of Tokyo	Representative Teacher	Associate Professor	Harada Kanako
5	The University of Tokyo	Facilitator	Project Assistant Professor	Ponou Ep Zomahoun Josiane
6	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Li Shi Hao
7	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Guo XinYu
8	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Huang Li
9	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Wu YueLin

■ Theme2. Work Process Innovation in R&D Laboratory by utilization of ICT Tools				
No.	Affiliation			Name
1	EBARA CORPORATION	Proposer of the Theme	The Fluid Machinery and Systems Company Department of Engineering General Management	Goto Akira
2	EBARA CORPORATION	Proposer of the Theme	The Fluid Machinery and Systems Company Department of Engineering General Management	Takahashi Misako
3	EBARA CORPORATION	Proposer of the Theme	The Fluid Machinery and Systems Company Department of Engineering General Management	Hara Masayuki
4	The University of Tokyo	Representative Teacher	Assistant Professor	Maeda Etsuo
5	The University of Tokyo	Facilitator	Project Researcher	Ueno Ai
6	The University of Tokyo	Facilitator	Project Assistant Professor	Yoshimoto Yuta
7	The University of Tokyo	Doctor first year	Graduate School of Engineering Dept. of Mechanical Engineering	Watanabe Yuichiro
8	The University of Tokyo	Doctor first year	Graduate School of Engineering Dept. of Mechanical Engineering	Wu Qian
9	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Yagi Masaaki

■ Theme3. Innovation of energy systems with advanced technology				
No.	Affiliation			Name
1	TOKYO GAS CO., LTD.	Proposer of the Theme	Research Planning Office Fundamental Technology Department	Seo Atsuko
2	TOKYO GAS CO., LTD.	Proposer of the Theme	Research Planning Office Fundamental Technology Department	Hatae Toru
3	The University of Tokyo	Representative Teacher	Project Professor	Yokono Yasuyuki
4	The University of Tokyo	Facilitator	Project Researcher	Ueno Ai
5	The University of Tokyo	Facilitator	Project Assistant Professor	Yoshimoto Yuta
6	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Kuma Kenki
7	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Humza Ahmed
8	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Systems Innovation	Miyazaki Takuma
9	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Systems Innovation	Tanaka Erika

■ Theme4. Feasibility Study of Bio Fuel for Ocean Going Ship

No.	Affiliation			Name
1	Mitsui O.S.K. Lines, Ltd.	Proposer of the Theme	Technical Division, Ship Design Group	Yamada Tetsuya
2	Mitsui O.S.K. Lines, Ltd.	Proposer of the Theme	Technical Division, Ship Design Group	Saito Sohei
3	The University of Tokyo	Representative Teacher	Professor	Kaneko Shigehiko
4	The University of Tokyo	Facilitator	Project Assistant Professor	Ponou Ep Zomahoun Josiane
5	The University of Tokyo	Doctor first year	Graduate School of Engineering Dept. of Mechanical Engineering	Nacpil Edric John Cruz
6	The University of Tokyo	Doctor first year	Graduate School of Engineering Dept. of Mechanical Engineering	Jannati Adnin Tuasikal
7	The University of Tokyo	Master first year	Graduate School of Engineering Dept. of Mechanical Engineering	Thote Abhishek Dinesh



▲ Winner and the certificate



- 2017 PBL plans  
from October, 2017 to February, 2018
- Call will be announced at the GSDM website  
(<http://gsdm.u-tokyo.ac.jp/>)  
on September, 2017
- For further information  
GSDM\_SE office: [office@gsdm.t.u-tokyo.ac.jp](mailto:office@gsdm.t.u-tokyo.ac.jp)



# Introduction to Social Science

## 【Global Society & Public Policy Course】

An overview of epistemological and methodological concepts, issues and techniques concerning the production of scientifically relevant knowledge in social sciences

### ■ Keywords

- Social Science Methodology, Social Science Epistemology, Research Methods

### ■ Lectures (Schedule of AY2017 :TBD)

- 1: Introduction to the Course
- 2: Science, Epistemology and Methodology
- 3: Methodology of Social Sciences
- 4: Social Science Research and Its Stages
- 5: Quantitative Methods: Presentation of the Methods
- 6: Quantitative Methods: Cost-Benefit Analysis
- 7: Qualitative Methods: Overview of the Qualitative Methods
- 8: Qualitative Methods:
- 9: Methodological Pluralism: Combining Different Methods
- 10: Case Study 1
- 11: Case Study 2
- 12: Case Study 3
- 13: Ethics of Social Science Research
- 14: Objectivity and Emancipation in Social Science
- 15: Wrap-up Lecture

### ■ Outputs

- Research design presentations through working groups
- Deeper understanding on social science methodological possibilities and their limitations



Research designs proposed upon group discussion after each lecture



### <Lecture of AY2016>

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- Oct.8
1. Comparative Health System (1) (Prof. Kobayashi)
  2. Paris Agreement and Green Growth (Prof. Matsushashi)
  3. Technology Transfer and Boundary of Organization (Prof. Kano)
  4. Technology Maps for Industry Analysis: Cases of regenerative therapy and tailor-made medicine (Prof. Kano)
- 
- Oct.22
1. Robot Assisted Surgical System (1) (Prof. Mitsuishi)
  2. Robot Assisted Surgical System (2) (Prof. Mitsuishi)
  3. Technology Management Strategy of Japanese High-tech Companies (Prof. Motohashi)
  4. Technological progress in diabetes therapy and management (Prof. Kobayashi & Prof. Sugiyama)
- 
- Nov.3
1. System safety: resilience (Prof. Furuta)
  2. Three-dimensional fusion image for simulation of Neurosurgery (Prof. Nakatomi)
  3. Carbon Nanotubes and Nanotechnology (Prof. Maruyama)
  4. Comparative health system (2) (Prof. Kobayashi)
- TBA
- Site Visit to University Hospital (Prof. Nakatomi)
- 

### 22 participants in AY2014

- It was a very good opportunity to know about other fields, such as medical nano-device and surgeon assist system.
- Group work might be good to help concentrating and thinking.
- It was amazing to see how many researchers from different background and disciplines can bring in such a variety of new and innovative perspective.



## International Field Workshop (IFW)



- Be actively involved from the preparation stage and lead discussion with professionals.
- Fill the gap between your own specialized knowledge and the social demand.
- Connect yourself with professional networks to develop your future career.

**See photo diaries of the past IFWs in the United States and Asia at hand!**



**Please come to Information Session**

**18:45-20:00 on Thursday, April 20**

**Room 429/433 in Faculty of Engineering Building No. 14**

The next IFW is *tentatively* scheduled for a period from **August 14 to 24** to visit Jakarta, Bangkok, Chiang Rai and Manila.

Those who want to register for this course should submit a proposal as instructed in the information material and have to pass selection process.



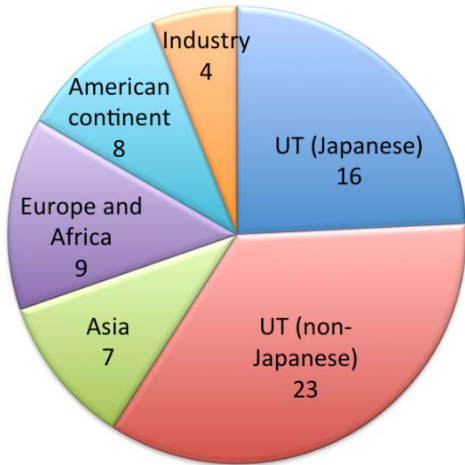


# Engineering Competency III (Summer Camp)

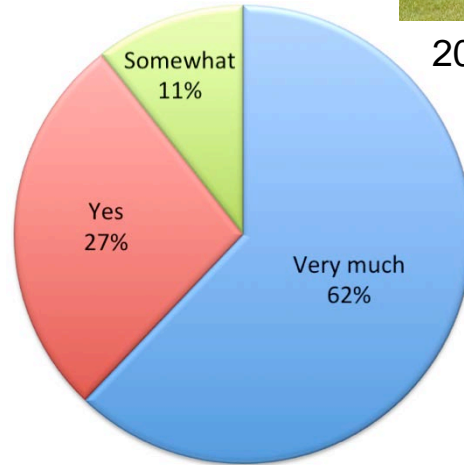
- UTokyo and world-leading universities  
Ph.D students discuss and exchange ideas
- Theme: Energy, Environment, Healthcare, Information Technology, Infrastructure
- 67 Participants from 21 universities of 14 countries & 4 companies



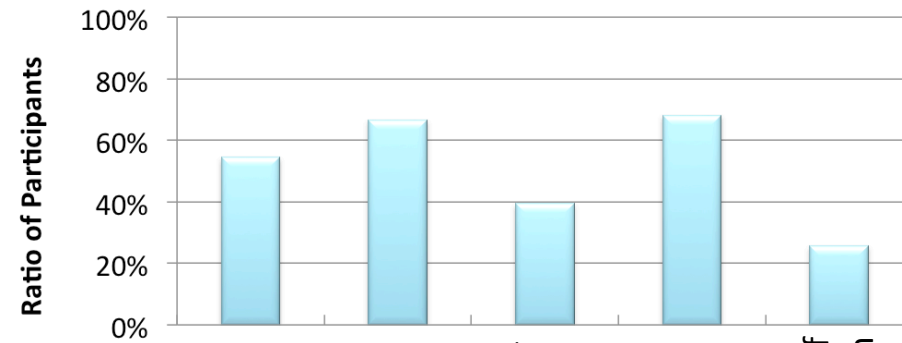
2016 Venue: UTokyo and Sanden Communication Plaza



▲ Participants



▲ Satisfaction



▲ Which areas beneficial

	7 am	8	9	10	11	12	1 pm	2	3	4	5	6	7	8	9
Wed. July 27				Reg.	Lectures	Lunch	UT Lab Tour	Travel to Camp			Dinner				
Thu. July 28	Break fast		Opening	Self-Introduction	Technical Session	Lunch	Team Meeting	Break	Team Meeting	Dinner	Team Meeting (Optional)				
Fri. July 29	Break fast	Team meeting			Lunch	Final Presentation	Photo	Student Session	Award Ceremony & Banquet						
Sat. July 30	Break fast	Check out	Company Lab Tour		Lunch	Closing	Return to Tokyo								

◀ Schedule of Summer Camp



# Details of the Participants

Peking University	Chemistry	1
Tsinghua University	Optical Engineering	1
	School Of Material Science And Engineering	1
KAIST(Korea Advanced Institute of Science and Technology)	Mechanical Engineering	1
Seoul National University	Mechanical and Aerospace Engineering	1
Nanyang Technological University	Physics	1
Indian Institute of Technology Delhi	Applied Mechanics (Materials Science)	1
Columbia University	Mechanical Engineering	1
Massachusetts Institute of Technology	Mechanical Engineering	1
Rice University	Applied Physics	1
Stanford University	Electrical Engineering	1
The University of Texas at Austin	Mechanical Engineering	1
University of California, Berkeley	Mechanical Engineering	1
University of Toronto	Materials Science and Engineering	1
University of São Paulo	Mechanical Engineering	1
KTH (Royal Institute of Technology)	Robotics	1
Technical University of Munich	Computer Science / Robotics	1
ETH Zurich (Swiss Federal Institute of Technology)	Microfluidics	1
	Biosystems Science and Engineering	1
Scuola Superiore Sant' Anna	Biorobotics	1
Aalto University	Engineering Physics	1
Imperial College London	Aeronautical Engineering	1
University of Abomey-Calavi	Chemistry	1
The University of Tokyo	Mechanical engineering	22
	Precision Engineering	5
	Aeronautics and Astronautics	5
	System Innovation	4
	Civil Engineering	1
	Chemical System Engineering	1
	Computational Biology and Medical Sciences	1
	Computer Science	1
Hitachi, Ltd.	Research and Development Group	1
Toshiba Corporation	Corporate R&D Center	1
East Japan Railway Company	Research & Development Center	1
Ebara Corporation	Fluid Machinery % Systems Company	1



- 2017 Summer Camp plans  
Friday, July 28 to Monday, July 31, 2017  
The University of Tokyo & Shinrin-Koen Heritage  
Resorts, Saitama
- Call announced at the GSDM website  
(<http://gsdm.u-tokyo.ac.jp/>)
  - submit Application form & Abstract
  - last year camp summary also uploaded
- For further information  
GSDM\_SE office: [office@gsdm.t.u-tokyo.ac.jp](mailto:office@gsdm.t.u-tokyo.ac.jp)



# Interactive Evening Lounge (IEL)

- ❖ Interactive Evening Lounge (IEL) is an opportunity open to all members of GSDM, both students and faculty, to gather in a relaxed, informal atmosphere.
- ❖ It has been established for a variety of purposes, primarily in order to enhance
  - Socialization
  - Information exchange concerning relevant matters from technical and research questions
  - practical lessons from practitioners' life experiences and career orientation advice

IEL is thus a valuable platform for students to develop a sense of belonging and community within the GSDM framework, since students belong to different departments/schools scattered across different UTokyo campuses.



# Recent IELs

回	日付	タイトル	参加者
1	5/11	Book Club Session 2	4
2	6/2	Review Meeting for SIP Proposals	27
3	6/16	Sustainably Successful Career Planning	8
4	6/20	Book Club Session 3	5
5	6/21	1st International Project IEL	12
6	7/2	Writing Lab Session 1	11
7	7/20	Book Club Session 4	1
8	7/22	The Introduction of Data Analysis Cases and the Workshop for Discussing Data Utilization toward Data-	15
9	8/8	Sustainably Successful Career Planning	5



# Recent IELs

回	日付	タイトル	参加者
10	10/12	Book Club Session 5	6
11	10/13	International Project: Returning Students' Reports	16
12	10/15	Writing Lab Session 2	5
13	11/24	Exploring issues and opportunities arising from the Refugee Crisis via Social Entrepreneurship	40
14	1/26	Understanding Your Global Leadership through the Workshop	10
15	3/2	Let's play a game and broaden our ethical horizons in decision-making!	17





# Recent IELs

2016年度 開催例

2016.6.2  
*Review Meeting for SIP Proposals*



2016.6.16  
*Sustainably Successful Career Planning*



2016.6.20  
*Writing Lab Session 1*



2016.7.22  
*The Introduction of Data Analysis Cases and the Workshop for Discussing Data Utilization toward Data-driven Society*





# Recent IELs

2016年度 開催例

2016.11.24

*Exploring issues and opportunities arising from the Refugee Crisis via Social Entrepreneurship*



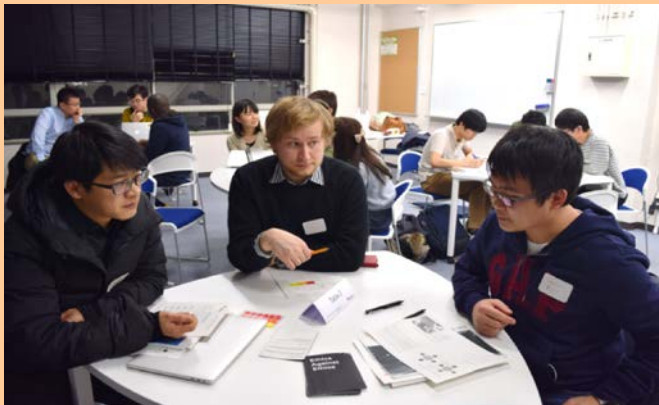
2017.1.26

*Understanding Your Global Leadership*



2017.3.2

*Let's play a game and broaden our ethical horizons in decision-making!*





# Types of IEL

## ❖ Regular IEL

- Presentation of International Project (Twice a year)
- Writing Lab (Three times a year)

## ❖ Others

- Presentation of Student Initiative Project (SIP)
- Students returning from their International Projects
- IEL can be also held by faculty members and GSDM students  
Ex) Presentation by visiting lecturer etc.

The information of IEL will be announced at GSDM HP and Facebook





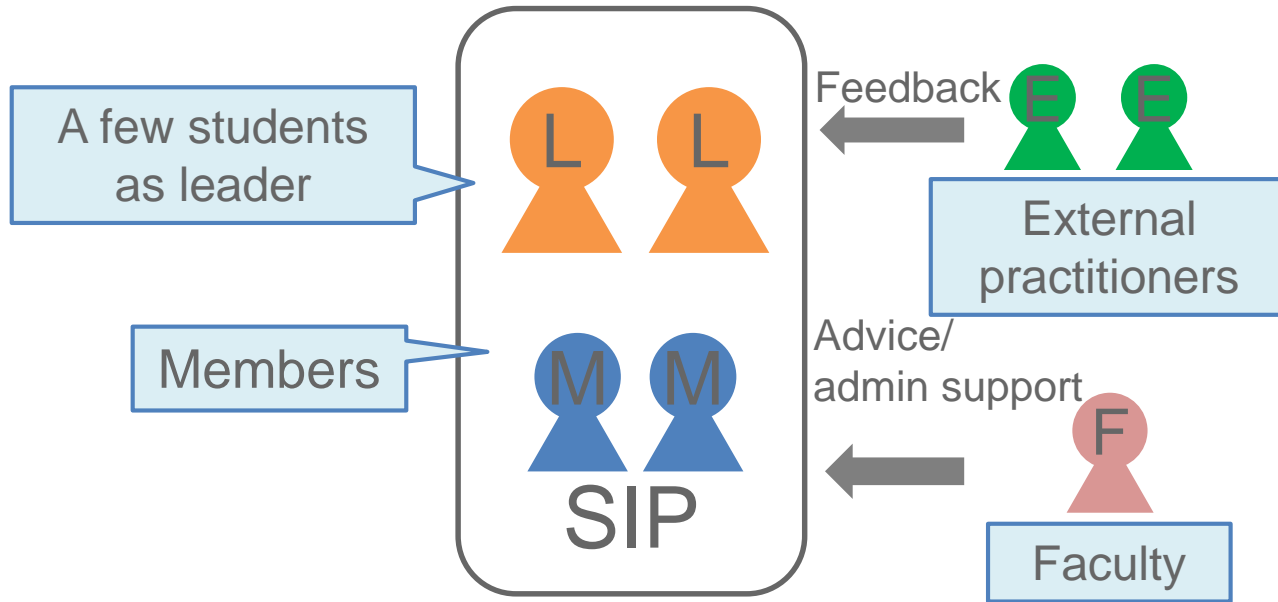
- IEL is a very important curriculum of GSDM program
- The attendance of IEL will be considered in QE, RDW and Final Exam



1. Students coordinate a project consisting of several students with interdisciplinary and multinational backgrounds.
2. Each project aims to solve some global/social issues and to produce deliverables that practically address the issues in the form of a policy report, a business plan, and so forth.
3. Students are responsible for planning and execution of the project.
4. In executing SIP, each student is expected to go beyond his/her own disciplinary expertise.
5. Some milestone events are arranged to facilitate the progress and to provide feedback from practitioners.
6. Each SIP lasts from a half to one year.



# Team Formation & Participation



★ Students are required to participate in SIP during GSDM years:

**once as a leader and once as a member**

★ Participation of SIP will be considered when QE/RDW and Final Exam



April 13 : Tentative Proposal

April 17 : Member Recruitment Meeting

April 28 : Revised Proposal

May 8-12 : Proposal Review Meeting (TBD)

May 17 : Final Proposal

May 22 : Examination at the Steering Committee

May 24-31 : Budget Guidance (TBD)

➔ Launch of project



SIP Groups have several opportunities to obtain advise from GSDM faculties and external practitioners.

- May 8-12 : **Proposal Review Meeting** (TBD)
- October 2-6 : **Midterm Review Meeting**(TBD)
- February 15 : Year-end Report
- February 22-28 : **Year-end Report Meeting**(TBD)
- March : Report Session at the Spring Camp





## ■ 11 projects

No	Title
01	Game for Social Good
02	Survey on the Role of Medium and Small Size Enterprises to Aviation Industries and Public Policies to Promote Their Growth
03	Knowledge and Data Management for Policy Making Towards Data Driven Society
04	Design and Implementation of Interdisciplinary Education: A Case Study from GSDM
05	Collaborative Research in the Public Health Field
06	Social and Humanitarian Initiatives For Tokyo - SHIFT
07	Disaster Management for the Future: Part A - Policy Proposal: Encouraging Space Innovation for Earth Observation and Disaster Management
08	Disaster Management for the Future: Part B - Technological Packages for Natural Disasters
09	Thinking about Ethical Dimension of Global Leaders - Developing an Interactive Game for Ethical Capacity Building
11	Hult Prize on Social entrepreneurship - "The planet's largest student competition to solve the world's toughest challenges"
12	Thinking about future society for infectious diseases



## ■ 9 projects (as of today)

No.	Project Title	Leaders
17-01	Knowledge and Data Management for Policy Making Towards Data Driven Society	Kensaku Matsunami (Eng. M2) Seonwoo Kim (Eng. D2)
17-02	GLEG (Global Leaders X Ethics X Games) – Development of a new learning method for primary stages of ethical decision-making using gamification –	Kai Takeuchi (Eng. D1) Haruku Shirahata (Eng. D1)
17-03	Space Innovation Policy for Disaster Management Capabilities (SIPDMC) - Extended	Budhaditya Pyne (Eng. D2) Goutham Karthikeyan (Eng. D2) Marc-Andre ChavyMacdonald (Eng. D2)
17-04	Disaster Management for the Future: Technological packages for Natural Disasters	Kaito Ariu (Eng. D1) Shunichiro Nomura (Eng. M2) Seo Seungju (Eng. M2)
17-05	Disease control for neglected infectious diseases	Yuki Usui (Frontier Sciences M2)
17-06	Twitter Diplomacy: Harvesting and Analyzing Social Media for 21st Century Diplomacy	Tan Pengru (GrasPP D1) Risa Shibata (GrasPP M1)
17-07	Innovative Finance for Healthcare	Meihong Jia (Economics M2) Jenny Jung (Medicine D1) Karthik Varada (Eng. D1)
17-08	Paradigm shift of cancer-cell therapy	Yuri Yoshihara (Eng. D2) Wang Guanxiong (Frontier Sciences M2)
17-09	2018 GSDM International Symposium	Quentin Verspieren (Eng. M2)



Bridge between the acquired knowledge/expertise and **the real world**. You will gain **practical experiences in solving issues**.

- One of the requirements to complete the program
- International joint research or international internship
- GSDM students who have passed QE are eligible. Those who start the program at D1 don't need to take QE before starting the international project.
- 2 to 6 months with the financial support up to 1,000,000yen
- Submit the application materials at least two months prior to the start of the project.



It **takes time** to prepare for the international project. Get started at least 6months in advance.



\*Check the GSDM WEB site or contact GSDM office for details.



# Facts about the International Project

- ◆ 43 students, including the ones who completed the GSDM, have finished the International Project so far.
- ◆ Joint research is more popular.
- ◆ A wide-ranging destinations have been chosen while the USA is the most popular.

## Status of international project

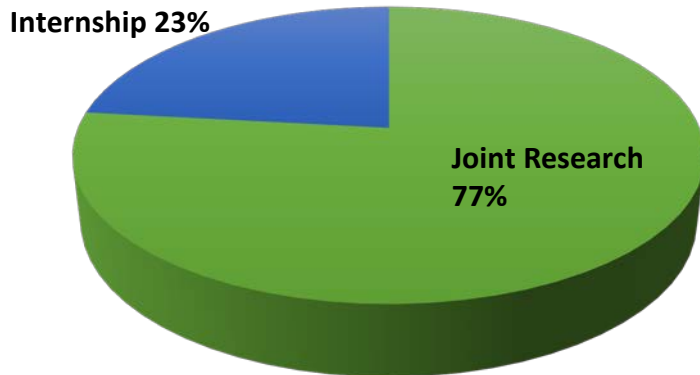
(As of April, 2017)

Completed	35
Ongoing	7
Preparing for departure	1
<b>Total</b>	<b>43</b>

## Destinations

<b>USA</b>	<b>19</b>
Japan	6
Switzerland	4
France	4
Germany	3
Italy	2
Canada	1
Philippines	1
Australia	1
Nertherland	1
UK	1
<b>Total</b>	<b>43</b>

## PURPOSES





## ■ Objective

- Support students to attend domestic/international conferences to deliver presentations, and/or visit relevant organizations (universities, corporations, etc.) for research development
- Support students to experience advanced researches, to acquire opportunities to promote one's research

## ■ Important points

- Application deadline: April 2017 (exact date TBA)
- Additional call for applications is expected in October
- Number of adoptees: around 10 (or more, depending on the budget)
- Adoptees will be selected according to applicants' academic contribution and performance in GSDM program as well as travel plan
- You can receive the support only once a year (academic year)
- Travel term should be within 2 weeks
- Support maximum 400,000 yen

Please carefully check the travel support rules on the web  
before applying



- Report
  1. Research Plan
  2. How to identify the links between your research and social issues, possibly leading to a practical solution
  3. Review of the participation in GSDM program
  
- Comprehensive Coursework
  - 2 credits from each course (total 6 credits).
  - 'Social Design and Global Leadership' can be substituted for 2 credits of Issue Solving Courses.
  
- Group work
- Individual Presentation



- Who has to take it?

All doctor candidate students

- When?

One year after the enrollment to GSDM (students who enrolled in D1)

At the end of D1 (students who enrolled in M1& M2)

- Purpose

To verify the prospects of completing the doctoral thesis and the preparation to become the kind of human resource expected by GSDM



## ■ Report

1. Extended abstract of doctoral dissertation research
2. How to identify the links between your research and social issues, possibly leading to a practical solution
3. Review of the participation in GSDM program

## ■ Presentation

Your doctoral research project and its progress

How your research can contribute to the solution of social problems

\* This does not exclusively refer to the exposition and description of a concept, but the project/presentation must contain concrete ideas for its implementation in the real world, including financial and legal aspects, social and political consequences.

What kind of ability you have acquired through the GSDM program





- You must take various Comprehensive Coursework courses.  
However, just taking courses to satisfy the completion requirements will not be enough.
- You should actively participate in GSDM Platform Seminars, GSDM Interactive Evening Lounge (IEL), Students Initiative Projects (SIP) and other events.
- You should strive to have continuous discussions on your own initiative with various parties such as students, teachers, people from industry and governments.
- You need to consider the relation between your research and outstanding social issues.
- Attend the dedicated pre-QE and pre-RDW meetings.



[Home](#) > [Curriculum](#) > [Secondary Advisor Program](#)

## Curriculum

JAPANESE

### Secondary Advisor Program

The secondary advisor program was introduced with the aim of developing doctorate holders with a wide range of specializations. This program provides GSDM program students with opportunities to receive advice from secondary advisors in addition to their main supervisor.

#### Eligibility

- All GSDM program students enrolled in the doctoral program are eligible to receive advice from secondary advisors in addition to their main supervisor.

#### Credits

- No credits are awarded for participation in the program. Students are required to submit reports on their meetings with their secondary advisors.

#### Content

- Students receive advice concerning the preparation of Supplementary Paper. This paper should propose solutions to a social problem (assessing practical applications for technology, developing public policy, or dealing with ethical issues) by building on the content of the Vision section of the Research Design Workshop document. The content to be discussed at meetings with secondary advisors will be determined by agreement between program students and their secondary advisors. Examples of the advisory relationship include the following:

Message +

News +

About GSDM +

Curriculum +

Comprehensive Coursework >

Qualifying Examination (QE) >

Research Design Workshop >

International Project >

Secondary Advisor Program >



Examples of the advisory relationship include the following:

1. Students visit their secondary advisors at regular intervals and receive advice on **their supplementary paper**.
2. Students participate in **workshops** organized by their secondary advisor, making presentations and engaging in class discussions.
3. Students receive **career advice** from their secondary advisors based on the advisor's experience, etc.



- The Supplementary Paper shall contain a discussion of **the social implications of the problems**;
  - that related to **the main doctoral topic**.
  - with interdisciplinary analysis for implementing solutions or with the framework for combining technological research and public policy research
  - by building on the content of the **Vision section** of **the Research Design Workshop (RDW) document**.
  - The minimum length of the Supplementary Paper is ten pages (4,000 words), and it must be written in English.





## < Selection >

- Possible main topic and sub-topics
- **The profile of SAs you need, first (do not write names only)**
- Look the teacher list of GSDM and select **direct & indirect** candidates  
→ **GSDM will propose two SAs to you**

## < Relations >

- Before the meeting with SAs, **prepare several alternatives** for sub-topics
- Discuss at least One/Two times per year
- Keep the discussion records and submit contact memos to GSDM HQ

## < Topic change >

- **In case the change of a main/sub topic, you need to inform GSDM**
- **You can change your SAs at any times**



# Young(er) Teacher Mentors:

Support Course Work GSDM and various GSDM activities



Ponou Josiane



Roberto Orsi



Kazuyo Hanai



Lee Jung Su



Kevin Montagne

M1	Kazuyo Hanai, Lee Jung Su
M2	Ponou Josiane, Kevin Montagne
D1	Kazuyo Hanai, Ponou Josiane
D2	Roberto Orsi, Lee Jung Su
D3, D4	Roberto Orsi, Kevin Montagne



# Senior Mentors

(Prof. Nishizawa & Prof. Yoshikawa)



Based on their broad network on companies, governments, international organizations, **advise on your carrier design.**





## Spring Retreat March 2018

("Annual Residential Study Program" in other words)

From Sat, March 17 to Mon, March 19, 2018  
At IPC Center in Shonan Kokusai Village



**All GSDM students must join the Retreat!**

- Spring Retreat provides opportunities to learn from each other and to deepen mutual understanding.
- The program includes RDW & QE presentations, dialogue with invited professionals, student-led activities, Leadership Award celebration and GSDM Commencement ceremonies, etc.
- Student proposals on the Spring Retreat program are welcomed!





# IMPORTANT INFORMATION

- Inform GSDM office when you leave Japan for studying abroad, internship or any other reason.
- **Carefully check emails from GSDM office and strictly observe the deadline of submission or reply.**
- Student Leadership Award: students compete for an annual prize awarded on the basis of their performance as leaders.

# **GSDM Student Committee and intra-program communication using “Slack”**

Giwon Hong<sup>1)</sup>, Seina Ohe<sup>2)</sup>

1) Systems Innovation, Engineering

2) Computational Biology and Medical Sciences, Frontier Sciences

17th April 2017

# Why Student Committee?



## Communication



# AY2017 Aims

1) To promote communication among students

Annual schedule				
Mar, 2017		Jan, 2018		Mar, 2018
Annual camp	?	International symposium	?	Annual camp

2) To bridge faculty and students

# 1) To promote communication

- Online communication tool  
“Slack”



- Offline events



Student meeting, 2016  
@ GSDM student room



Hanami, 2017  
@ Shiba-kouen

# Slack

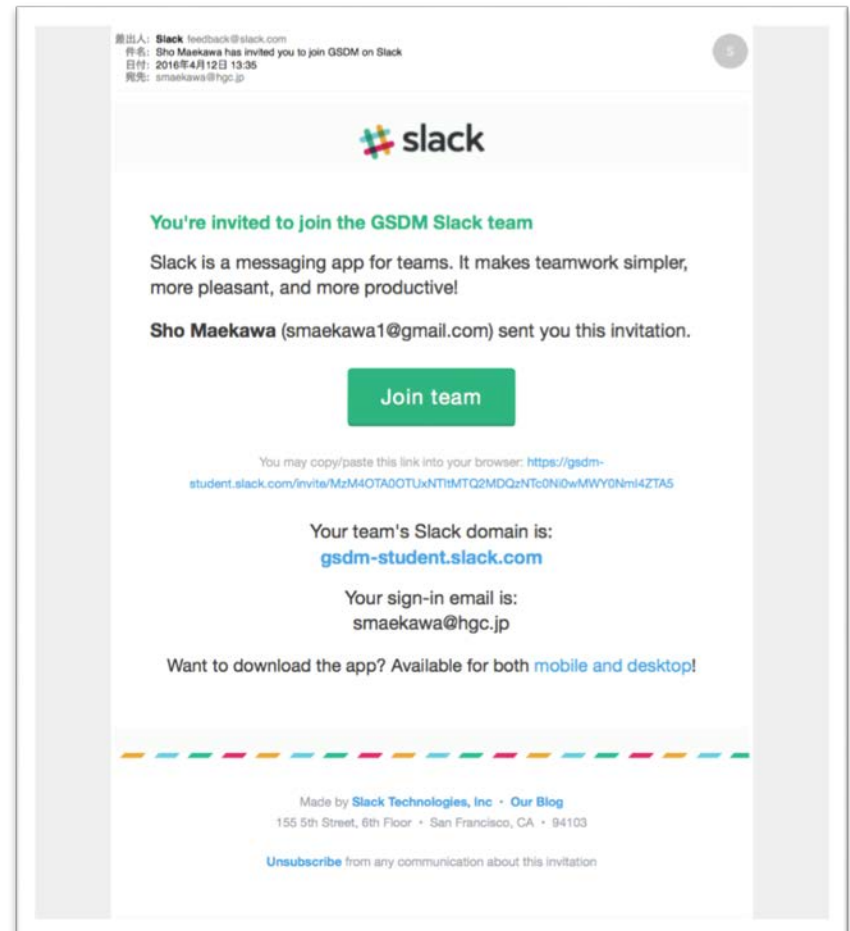
- Only for GSDM members
- Methods of communication
  - Channels
    - for sharing opinions
  - Private channels
    - for group works
  - Direct messages
    - for sharing researches

Useful information pinned in #general

The screenshot displays the Slack interface for the GSDM workspace. The left sidebar shows a list of channels, with #general selected. The main channel view shows a post from 'orsi' with an image titled 'THE QUEEN'S ENGLISH AND HOW TO USE IT' by Bernard C. Lamb. A red arrow points to the 'About #general' panel on the right, which contains pinned items such as an event announcement and a booking system link.

# Start “Slack”

- Send e-mail **NOW** to [gsdm.student.committee@gmail.com](mailto:gsdm.student.committee@gmail.com) with your name  
You will get an invitation and access to registration
- Download “Slack” app for mobiles (iOS, Android, ...) and PCs (Windows, macOS, Linux, or web)





# Important notice

- The student committee will obtain your e-mail address to invite you to Slack
  
- You can opt out by:
  - Talk directly to one of the student committee members **TODAY** or
  - Send an email to [gsdm.student.committee@gmail.com](mailto:gsdm.student.committee@gmail.com) by **23:59 TONIGHT** (17 April, 2017)

## 2) To bridge faculty and students

- Attending Tokunin(GSDM project faculty) meeting
  - Gather, discuss, report and communicate issues and opinions that GSDM students have about the program
- Mentoring
  - If you encounter some inquiries in GSDM, we will share our opinions and idea for you

# Events hosted by the student committee

- Place where you can talk about anything!!!
    - Current research
    - GSDM programs
    - Future careers etc.
  
  - Future planned events
    - Sports event
    - One minute flash talk
    - IEL with Alumni on 29 May
    - BBQ on 14 May?!
- We are open to new ideas!



Hanami, 2017  
@ Shiba-kouen

# Join the student committee

- Learn team management and negotiation skills
- Get to know students from other leading programs
- You can make the change!

# Thank you!

