



地球環境共創コース (GEDES)オリエンテーション

Orientation for Graduate Major in Global Engineering for Development, Environment and Society (GEDES)

本資料では、主に、GEDESの概要とGEDESに所属する修士・博士学生に必要な履修科目について紹介します。

This material mainly covers the outline of GEDES and courses necessary for master and doctor students belonging to GEDES.

学事スケジュールの変更

- 第1クォーター (1Q): May 4 – June 20 (7 weeks)
- 第2クォーター (2Q): June 22 – August 8 (7 weeks)
- 履修登録期間: April 28 – May 18

オリエンテーションの中止

- 大学レベル、学院・系・コースのオリエンテーションは全て中止となっています。代わりに、オリエンテーション用資料や関連情報はwebサイトから入手して下さい(本資料の最後に関連リンク情報を記載しました)。

学生証は各研究室の指導教員から入手すること

- 学生証に記載されている情報は、ポータルサイト([Tokyo Tech Portal](#))にログインして、メールアドレスを取得したり、履修登録するために必要です。

1Qに予定されている科目はオンラインで提供

- 科目履修登録を済ませた後で、各科目をZoomを用いてオンライン受講するために必要な情報が東工大メールアドレスに送付されます。
- 今年度予定されている開講科目情報は16, 17ページを参照下さい。
- 1Qに2科目新規開設あり。
- 研究の進め方については、指導教員に問い合わせして下さい。

1Qのいくつかの科目は、2Qに開講あるいは休講の予定

- 必修科目の“Project Design and Management S”は2Qに開講予定。

Key correspondence to Coronavirus disease

Course schedule has been changed.

- First quarter (1Q): May 4 – June 20 (7 weeks)
- Second quarter (2Q): June 22 – August 8 (7 weeks)
- Course registration: April 28 – May 18

All of the university-level orientation are cancelled.

- Please obtain the detail from the website and/or handouts related to each subject. Some links are included in the last page of this material.

Student card will be distributed from your supervisor.

- The information shown on the card is necessary to login [Tokyo Tech Portal](#), from which you can create your e-mail address and register courses.

Courses scheduled in 1Q will be held online.

- You need to register each course beforehand to obtain the information to access the class remotely using Zoom.
- All courses available in academic year 2020 are listed in pages 16 & 17.
- Two new courses has bee added in Q1.
- Please consult with your supervisor about the research seminar.

Some of the courses will be unavailable or shifted to 2Q.

- The compulsory class “Project Design & Management S” will be opened in 2Q.

GEDESの教育プログラムについて

- グローバリゼーションの急速な進展により、世界は様々な横断的・複合的課題を抱えるようになった。
- 先進諸国の産業・社会の成熟に伴い、将来の持続可能な社会を支える革新的技術の創出が要請されている。
- このような背景に対して、GEDESの教育プログラムは、以下のような能力・技能を育成することを目的としています。
 1. 社会で求められる新たな技術・価値・概念の創出に貢献できる能力
 2. 国際社会全体が抱える様々な問題の正しい理解に基づいて解決に寄与することのできる能力（問題発見・設定能力，問題解決能力，創造的思考力・実行力）
 3. 異分野技術者との国際協働で力を発揮できるコミュニケーション能力，複合的プロジェクトや組織を動かすマネジメント能力

Aim of GEDES educational program

- The rapid progress of globalization have been plaguing the world with varieties of compounded and transboundary problems.
- The maturation of the industry and society of developed countries have been demanding the innovations for promoting and supporting sustainable society for the future.
- Under these backgrounds, the educational program of GEDES aims at fostering the following ability and skills:
 1. Ability to create a new technology, value, and concept required in the society
 2. Ability to solve the numerous problems faced by the international society with an accurate understanding
 3. Communication and management skills to work effectively with engineers from different fields to operate multiple projects or organizations.

数字で見るGEDESの概要

設立

2016年4月

常勤教職員

教授12名, 准教授15名,
助教10名, 事務職員2名

これまでの入学者数
(2016年4月～2019年9月)

修士課程317名
博士課程93名

現在の学生数
(2020年4月現在, 新入生含む)

修士課程118名
博士課程74名
(他に、研究生・日本語研修生・短期留学生等が在籍)

2019年度入試による新入生
(2019年9月と2020年4月の入学者数、
国際大学院プログラムを含む)

修士課程67名
博士課程17名

GEDES at a glance

Established

April 2016

Faculty members and
staffs (permanent)

Prof. 12, associate prof. 15,
assistant prof. 10, staff 2.
(including sub-members)

Number of students enrolled
between Apr. 2016 and Sep.
2019

Master 317 (avg 79 per year)
Doctor 93 (avg 23 per year)

Current students (as of Apr.
2020, including new students)

Master 118, Doctor 74

New students (enrolled in
Sep. 2019 & Apr. 2020)

Master 67, Doctor 17

Faculty Members (TIT employee)

Professors (教授)

氏名	Name	Campus
神田 学	Manabu KANDA	O
木内 豪	Tsuyoshi KINOUCHI	S
高田 潤一	Jun-ichi TAKADA	O
高橋 邦夫	Kunio TAKAHASHI	O
中崎 清彦	Kiyohiko NAKASAKI	O
野原 佳代子	Kayoko NOHARA	O
花岡 伸也	Shinya HANAOKA	O
村山 武彦	Takehiko MURAYAMA	S
山口 しのぶ	Shinobu YAMAGUCHI	O

(Campus O: Ookayama, S: Suzukake-Dai)

Associate Professors (准教授)

氏名	Name	Campus
秋田 大輔	Daisuke AKITA	O
阿部 直也	Naoya ABE	O
江頭 竜一	Ryuichi EGASHIRA	O
佐藤 由利子	Yuriko SATO	O
高木 秦士	Hiroshi TAKAGI	O
高橋 史武	Fumitake TAKAHASHI	S
時松 宏治	Koji TOKIMATSU	S
中村 隆志	Takashi NAKAMURA	O
中村 恭志	Takashi NAKAMURA	S
錦澤 滋雄	Shigeo NISHIKIZAWA	S
	Alvin Christopher Galang VARQUEZ	O
	Tom HOPE	O
山下 幸彦	Yukihiko YAMASHITA	O

Faculty Members (TIT employee)

Assistant Professors (助教)

氏名	Name	Campus
稲垣 厚至	Atsushi INAGAKI	O
巖島 怜	Rei ITSUKUSHIMA	S
川崎 智也	Tomoya KAWASAKI	O
	Winarto KURNIAWAN	O
小山 光彦	Mitsuhiko KOYAMA	O
齋藤 健太郎	Kentaro SAITO	O
	Koltip SUWANTEEP	S
辻 潔	Kiyoshi TSUJI	O
はばき 広顕	Hiroaki HABAki	O
	Pasomphone HEMTHAVY	O

Professors (Sub-members) (副担当)

氏名	Name	Campus
鼎 信次郎	Shinjiro KANAE	O
	Jeffrey Scott CROSS	O
竹下 健二	Kenji TAKESHITA	O
吉村 千洋	Chihiro YOSHIMURA	O
青柳 貴洋	Takahiro AOYAGI	O

特任教員 Specially Appointed members

氏名	Name	Campus
	ANDREWS EDEN MARIQUIT	O
	CHOI SUNKYUNG	O

(Campus O: Ookayama, S: Suzukake-Dai)

GEDESにおける修士課程・ 博士課程の学習の概要

- ここからは、GEDESにおける修士課程・博士課程の学習に関する基本的な事項について説明する。
- さらに詳細な情報は、東工大の関連するウェブサイトから入手してください。
 - [学習案内\(日本語\)](#) 日本語:2020年版、英語:2019年版
 - [学習案内\(英語\)](#) (“Guide to Graduate Education and International Graduate Program”から入手可能)
- 皆さんの東工大における学習や活動はGEDESの教員・スタッフのほかに、[様々な支援体制](#)により支えられている。また、講義に関する情報は[OCW \(Tokyo Tech OpenCourseWare\)](#)、OCW-i (Tokyo Tech OpenCourseWare internal) ([Tokyo Tech Portal](#)からアクセスする)から入手できる。

Brief Introduction of Master and Doctoral Courses

- Hereafter, the basic information regarding the GEDES program for master and doctoral courses are provided.
- For more detail, please obtain the study guide from Tokyo Tech web site.
 - [Japanese version](#) 2020 version is available for Japanese only.
 - [English version](#) (visit “Guide to Graduate Education and International Graduate Program”)
- Your studies and activities in Tokyo Tech are supported not only from GEDES members but also through [many different channels](#), including [OCW \(Tokyo Tech OpenCourse Ware\)](#) and OCW-i (Tokyo Tech OpenCourseWare internal), which is accessible from [Tokyo Tech Portal](#).

Completion Requirements (Master course)

コース修了要件(修士課程)

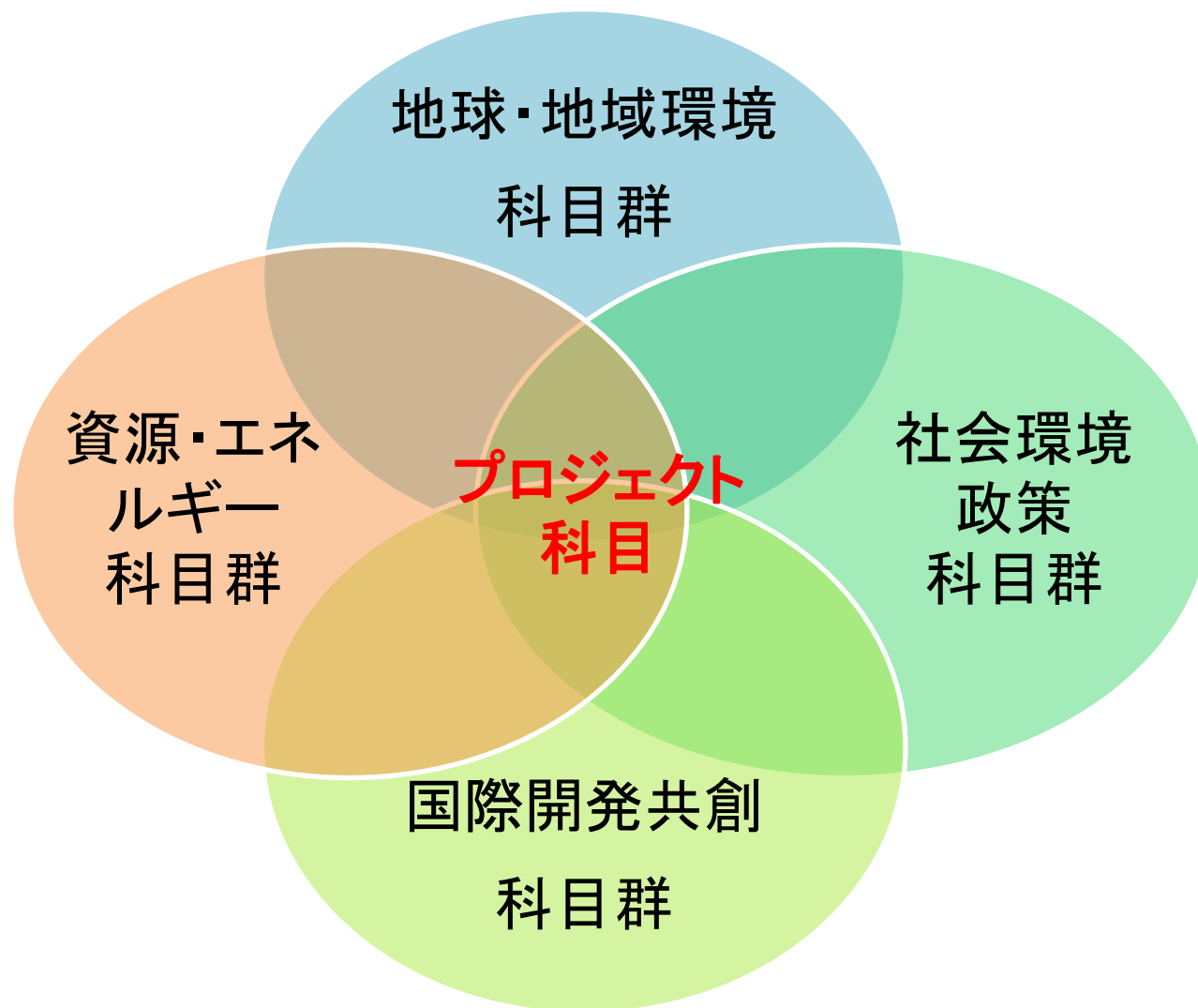
The following requirements must be met to complete the Master Degree Program of GEDES.

1. Attain a total of 30 credits or more from 400- and 500-level courses in “Liberal arts and basic science courses” and “Core courses”.
2. Fulfill the specific requirements shown in Table M1 (shown in the subsequent page).
3. Pass the intermediate presentation, master's thesis review and defense.

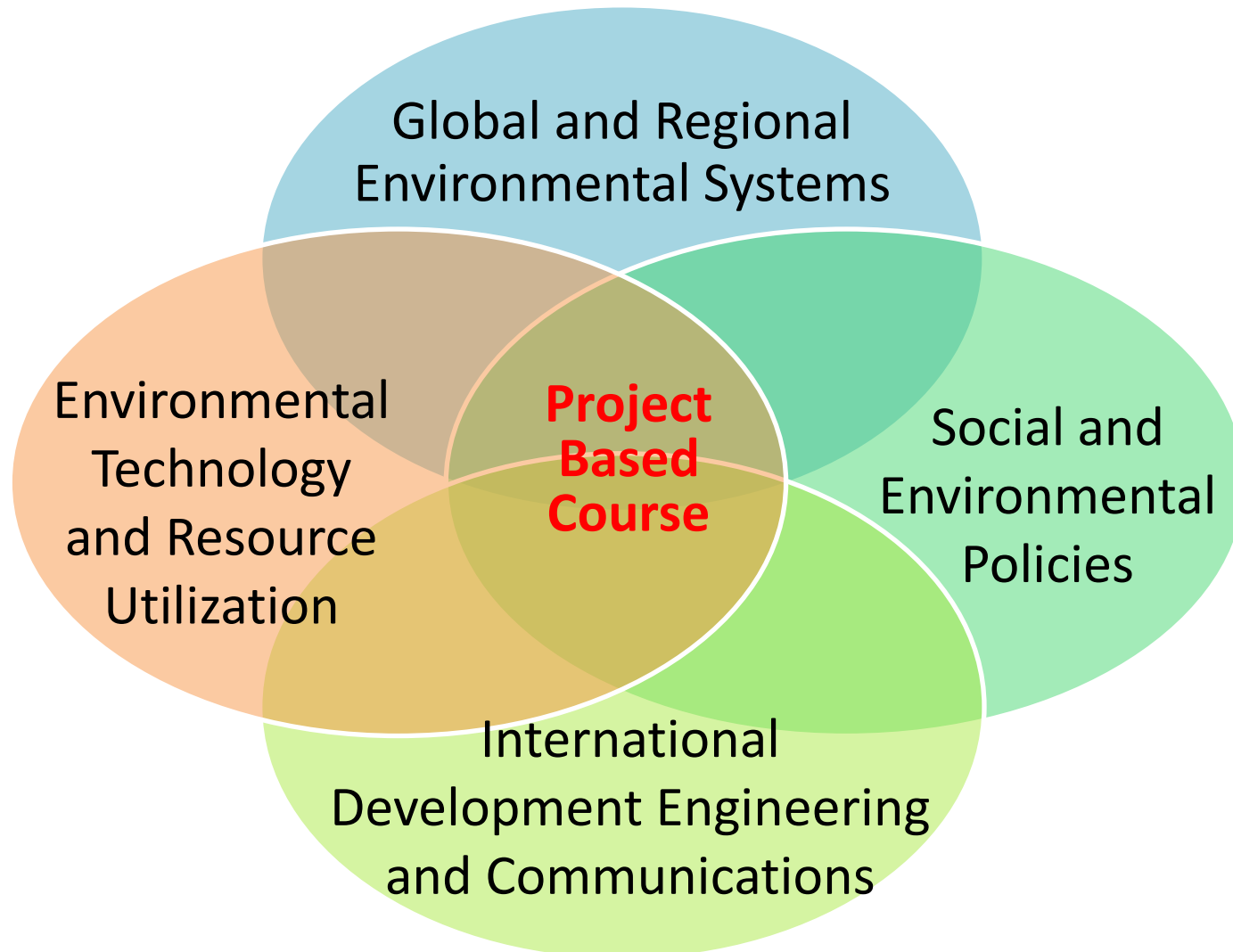
Table M1 (Master course)

Course category		Required courses 必修 Required credits	Electives 選択 Minimum credits required	Minimum credits required
Liberal arts and basic science courses	Humanities and social science courses		<ul style="list-style-type: none"> • 2 credits from 400-level • 1 credit from 500-level 	5 credits
	Career development courses		2 credits	
	Other courses			
Core courses	Research seminars	<ul style="list-style-type: none"> • Seminar for Global Engineering S1 • Seminar for Global Engineering F1 • Seminar for Global Engineering S2 • Seminar for Global Engineering F2 A total of 8 credits, 2 credits each from the above courses.		24 credits
	Research-related courses			
	Major courses	Project Design & Management S Project Design & Management F A total of 4 credits, 2 credits each from the above courses.	12 credits	
	Major courses and Research-related courses <u>outside</u> the Graduate Major in Global Engineering for Development, Environment and Society standard curriculum			

地球環境共創コース修士課程における科目群



Groups of major courses in GEDES master course program



修士課程 講究科目・専門科目の開講予定(2020年度)

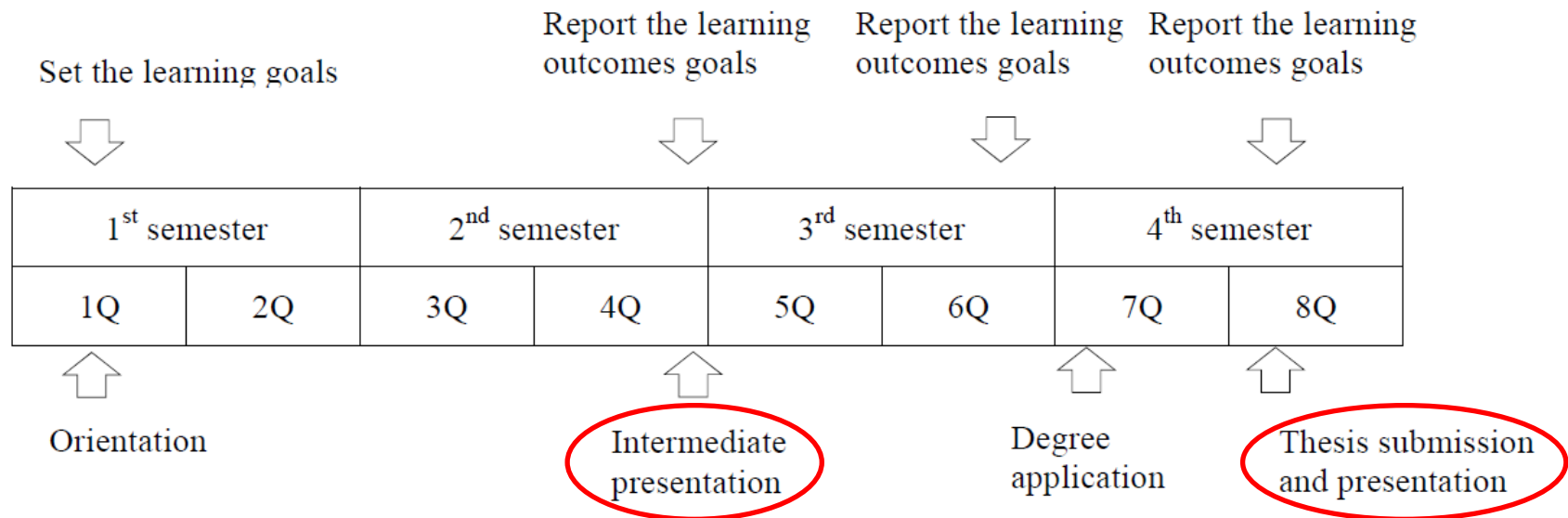
	講究 (必修)	プロジェクト (必修)	地球環境システム	社会環境政策	国際開発共創	資源・ものづくり
Q1	地球環境 共創講究S(2)		メガシティの大気 環境学(2)	環境政策論(1)		エネルギー・資源 の有効利用技術(1)
			環境研究のための 地理情報解析(1)	社会経済および環 境データの分析手 法(1)		
プロジェクトデ ザイン&マネ ジメント S(2)		水資源保全論(2)	感性計測概論(2)	コンセプト・デザイ ニング(1)	システムズエンジ ニアリング概論(1)	
		地球環境システムと 生態系のダイナミク ス(2)	環境アセスメント(1)		環境のための資源 と廃棄物の利用(1)	
Q3	地球環境 共創講究F (2)		都市化と防災マネジ メント(1)		持続可能な社会の ためのプロジェクト 評価(1)	開発のための化学 プロセス合成(2)
						システムズエンジ ニアリング実践(2)
プロジェクトデザ イン&マネジメ ント F(2)		水環境解析論(1)	資源環境技術のシ ステムと経済学概 論(1)	持続可能な金融 (2)		
			経済発展と環境対 策の歴史と現在の 課題(1)	開発のための情報 および通信技術(1)	多種材料と標準化 の俯瞰と理解(1)	

Core Courses in Academic Year 2020 for Master Students

	Seminar (required)	Project Based (required)	Global & Regional Env.	Social Env. Policy	International Dev. & Communications	Env. Technology & Resource Util.
Q1	Seminar for Global Engineering S (2)		Atmospheric Environment in Megacities (2)	Environmental Policy (1)		Technologies for Energy Resource Utilization (1)
			Geospatial data analysis for environment studies (1)	Methods of Analysis for Socioeconomic and Environmental Data (1)		
Q2	Seminar for Global Engineering S (2)	Project Design & Management –S (2)	Hydrology and Water Resources Conservation (2)	Basic Behaviormetrics: Theory and Methods (2)	Concept Designing (1)	Introduction to Systems Engineering (1)
			Global Environmental System and Ecosystem Dynamics (2)	Environmental Impact Assessment (1)		Utilization of Resources and Wastes for Environment (1)
Q3	Seminar for Global Engineering F (2)		Coastal Disaster Mitigation for Engineers and Planners (1)		Project Evaluation for Sustainable Society (1)	Chemical Process Synthesis for Development (2)
						Application of Systems Engineering (2)
Q4	Seminar for Global Engineering F (2)	Project Design & Management –F (2)	Environmental Hydraulics (1)	The economics and systems analysis of environment, resources and technology (1)	Sustainable Finance (2)	
				History and Current Issues of Economic Development and Environmental Protection (1)	Introduction to Information and Communication Technologies for Development (1)	Perspective and Understanding of Various Kinds of Material and Standardization(1)

Master's Course

Outline procedures for 2 years (standard)



For students enrolling in September, 1Q means the third quarter in the academic year, which starts in April.


Completion Requirements (Doctor course)

コース修了要件(博士課程)

The following requirements must be met to complete the Doctoral Degree Program of GEDES.

1. Attain a total of 24 credits or more from 600 level courses in “Liberal arts and basic science courses” and “Core courses”.
2. Fulfill the specific requirements shown in Table D1 (shown in the subsequent page).
3. Pass the intermediate presentation, preliminary defense, and doctor's thesis review and defense.
4. The major part of the thesis shall be published, or written at an acceptable level for publication, in qualified academic journals.

Table D1 (Doctor course)

Liberal arts and basic science courses	Humanities and social science courses		2 credits	6 credits
	Career development courses	<Required courses> 	4 credits	
	Other courses			
Core courses	Research seminars	<ul style="list-style-type: none"> •Seminar for Global Engineering S3 •Seminar for Global Engineering F3 •Seminar for Global Engineering S4 •Seminar for Global Engineering F4 •Seminar for Global Engineering S5 •Seminar for Global Engineering F5 A total of 12 credits, 2 credits each from the above courses.		18 credits
	Research-related courses		6 credits	
	Major courses			

Doctoral Course

Outline procedures for 3 years (standard)

Set the learning goals ↓



1 st semester		2 nd semester		3 rd semester		4 th semester		5 th semester		6 th semester	
1Q	2Q	3Q	4Q	5Q	6Q	7Q	8Q	9Q	10Q	11Q	12Q



Orientation



Intermediate presentation



Degree application



Final examination

Thesis submission and presentation

For students enrolling in September, 1Q means the third quarter in the academic year, which starts in April.

Research-related courses for master and doctor courses in GEDES (研究関連科目)

Credits for the following courses are approved based on the presentation in the student activity workshop (学生活動報告会) held in August and February in every academic year.

	Courses	Description
Master only	Global Engineering Fieldwork 地球環境共創フィールドワーク (0-0-1)	2 weeks or longer*
	Global Engineering Internship 地球環境共創インターンシップ (0-0-2)	1 month or longer*
M and D	Global Engineering International Workshop 地球環境共創国際発表(0-0-1)	Presentation at international conferences*
Doctor only	Advanced Theory of Teaching Method 教授法実践特論 (0-1-1)	The volume of course must be practically equivalent to 2 credits.
	Advanced Theory of Co-creation 共創実践特論 (0-1-1)	
	Practice in Company 企業特別実習 (0-1-1)	Basically for students in the adult Education Program
	Global Engineering Off-Campus Project 博士派遣プロジェクト (0-0-1)	2 weeks or longer*
	Sustainable Engineering Program Off-Campus Project 持続性工学派遣プロジェクト (0-0-4) (for IGP(A))	3 months or longer; applicable for students in IGP(A) (ISSEP)

*Courses conducted domestically acceptable.

Liberal arts and basic science courses (教養科目群)

Humanities and social science courses(文系教養科目)

Japanese Language and Culture Courses can be recognized as this category for International Students.

Career Development Course(キャリア科目)

Need to acquire a certain number of credits in this course with ALL of the required Graduate Attributes* (GA) fulfilled.

What is GA (Graduate Attributes)?

The graduate attributes are defined as competencies and characteristics that students who complete a master or doctoral degree program are expected to have acquired.

Graduate Attributes in Master Course

Master course students are required to earn **2 credits** which should meet the following **2 Graduate Attributes (GAs)**.

C0M	able to delineate one's career plan clearly and recognize the skills necessary to materialize the plan, also considering its relations to the society
C1M	able to utilize its own expertise to the development of academia and technology, and work with others with different expertise to contribute to problem-solving

Specific courses in 400- and 500- levels for each GA

(各GAに該当する400番台・500番台のキャリア科目)

COM	C1M
<ul style="list-style-type: none">• Master's Career Design• Master's Career Plan• Strategies for Balancing Career, Personality and Lifestyle• Master's Career Design Practice• Ethics of Scientists• Ethics of Engineers	<ul style="list-style-type: none">• Master's Critical Thinking• Master's Technical Discussion• Master's Technical Writing• Smart Business Career Development• Ethics of Scientists ▪ Ethics of Engineers• Pre ALP Practice• Social Contributions through Research• Master's Scientific Communication

Courses for master course students in GEDES that can be recognized as Career Development Courses

(キャリア科目とみなすことができるGEDES修士課程の研究関連科目)

Course category	Course number	Course	Credits	GA
can be recognized as Career Development Courses	GEG.F541.L - 544L	Global Engineering Fieldwork A, B, C, D (2 weeks or longer; courses conducted domestically acceptable)	0-0-1	C1M
	GEG.F551.L - 554.L	Global Engineering Internship A, B, C, D (1 month or longer; courses conducted domestically acceptable)	0-0-2	C1M
	GEG.F531.L - 534.L	Global Engineering International Workshop A, B, C, D (Master course) (presentation at international conferences; courses conducted domestically acceptable)	0-0-1	C1M

Graduate Attributes in Doctor Course

- Doctor course students are required to earn **4 credits** which should meet the **4 Graduate Attributes (GAs)** in either of two career development courses, namely Academic Leader Program (**ALP**) or the Productive Leader Program (**PLP**) operated by [Innovator and Inventor Development Platform \(IIDP\)](#).
- You need to **register the either program** based on their individual career plans before the fall semester starts (**by the end of Sep. 2020**).
- For more information about career development courses, please visit the [website of IIDP](#) or the following sites.
 - [Japanese guide to courses \(2020\)](#)
 - [English guide to courses \(2019\)](#)
 - [Career education program \(Japanese Only\)](#)

Including the information of “**Recurrent Program Advanced Practice**” which gives an opportunity **for adult doctoral course students to meet the requirement of GAs**. For further information, please contact your supervisor.

Academic Leader Program (ALP)

Graduate Attributes

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, and adequately explain the academic progress to members of society
A3D	You will be able to nurture junior students in educational institutions, inculcating in them an interest in academics and enabling them to later join in the pioneering of new academic disciplines or research areas

Productive Leader Program (PLP)

Graduate Attributes

P0D	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 industry, etc.
P1D	You will be able to precisely grasp the needs of society and detect its problems, 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	Through the project, you will be able to nurture junior students, enabling them to later join in the development of next generation society and industry

Specific courses for ALP

(IIDPが開講するALP科目)

A0D	A1D	A2D	A3D
<ul style="list-style-type: none">• Doctoral Career Design• Doctoral Career Plan• Strategies for Balancing Career, Personality and Lifestyle• ALP Practice I (Teaching Practice)• ALP Practice II (Overseas Training)	<ul style="list-style-type: none">• ALP Introduction• ALP Advanced Practice I• ALP Advanced Practice II• ALP Advanced Practice III• ALP Advanced Practice IV• Technical Writing	<ul style="list-style-type: none">• ALP Advanced Practice I• ALP Advanced Practice II• ALP Advanced Practice III• ALP Advanced Practice IV• Developing Career Adaptability for Global Competitiveness• Critical Thinking• Technical Discussion• Scientific Communication	<ul style="list-style-type: none">• ALP Practice I (Teaching Practice)• ALP Practice II (Overseas Training)• ALP Advanced Practice I• ALP Advanced Practice II• ALP Advanced Practice III• ALP Advanced Practice IV• Developing Career Adaptability for Global Competitiveness• Critical Thinking• Technical Discussion• Scientific Communication

Specific courses for PLP

(IIDPが開講するPLP科目)

POD	P1D	P2D	P3D
<ul style="list-style-type: none"> • Doctoral Career Design • Doctoral Career Plan • Strategies for Balancing Career, Personality and Lifestyle • Recurrent Program Advanced Practice 1 • Recurrent Program Advanced Practice 2 • Recurrent Program Advanced Practice 3 • Recurrent Program Advanced Practice 4 	<ul style="list-style-type: none"> • Technical Writing • PLP Introduction • PLP Advanced Practice • R&D Activities of Global companies I • R&D Activities of Global companies II • Technology Management Practice • Recurrent Program Advanced Practice 1 • Recurrent Program Advanced Practice 2 • Recurrent Program Advanced Practice 3 • Recurrent Program Advanced Practice 4 	<ul style="list-style-type: none"> • Developing Career Adaptability for Global Competitiveness • Critical Thinking • Technical Discussion • Scientific Communication • PLP Practice • PLP Advanced Practice • Recurrent Program Advanced Practice 1 • Recurrent Program Advanced Practice 2 • Recurrent Program Advanced Practice 3 • Recurrent Program Advanced Practice 4 	<ul style="list-style-type: none"> • Developing Career Adaptability for Global Competitiveness • Critical Thinking • Technical Discussion • Scientific Communication • PLP Practice • PLP Advanced Practice • Recurrent Program Advanced Practice 1 • Recurrent Program Advanced Practice 2 • Recurrent Program Advanced Practice 3 • Recurrent Program Advanced Practice 4

GEDES courses recognized as equivalent to Career Development Courses in ALP

(ALPキャリア科目とみなすことができるGEDES博士課程の研究関連科目)

Course category	Course number	Course	Credits	GA*
can be recognized as Career Development Courses	GEG.L631.L -642.L	Advanced Theory of Teaching Method 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C,3D	0-1-1	A2D, A3D
	GEG.F651.L -662.L	Practice in Company (Global Engineering) 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B,3C, 3D	0-1-1	A2D, A3D
	GEG.P651.L -662.L	Advanced Theory of Co-creation 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-0-1	A2D, A3D
	GEG.P631.L -642.L	Global Engineering Off-Campus Project (Global Engineering) 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-0-1	A2D, A3D
	GEG.F631.L -642.L	Global Engineering International Workshop (Doctor course) 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-0-1	A2D, A3D
	GEG.P671.L ,GEG.P672.L	Sustainable Engineering Program Off-Campus Project (GEDES) S,F	0-0-4	A2D, A3D

GEDES courses recognized as equivalent to Career Development Courses in **PLP**

(PLPキャリア科目とみなすことができるGEDES博士課程の研究関連科目)

Course category	Course number	Course	Credits	GA*
can be recognized as Career Development Courses	GEG.F651.L - 662.L	Practice in Company (Global Engineering) 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-1-1	P2D, P3D
	GEG.P651.L - 662.L	Advanced Theory of Co-creation 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-1-1	P2D, P3D
	GEG.P631.L - 642.L	Global Engineering Off-Campus Project 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-0-1	P2D, P3D
	GEG.F631.L - 642.L	Global Engineering International Workshop (Doctor course) 1A, 1B, 1C, 1D, 2A, 2B, 2C, 2D, 3A, 3B, 3C, 3D	0-0-1	P2D, P3D

Important sites for new GEDES students

□ Sites related to university-level orientation

All orientations for new graduate students has been cancelled, but handouts and/or further info are or will be available for

- [Whole New Students](#) [大学院新入生全員](#) (M/D)
- [International Students](#) [留学生](#) (M/D)
- [Humanities and Social Science Courses](#) [文系教養科目](#) (M/D)
- [Career Development Courses](#) [キャリア科目](#) (M/D)

English flyers are available for [Master](#) and [Doctor](#)

□ [List of Study Guides and Student Handbooks](#)

□ [GEDES original site \(bulletin board\)](#)

Information of various course activities are provided on this site.

<http://www.tse.ens.titech.ac.jp/gedes/>

For further information or questions, please contact [GEDES course chair](#) or your supervisor.