

TERPEC.  
07/03

**UNIVERSITAS GADJAH MADA**  
SEKOLAH PASCASARJANA

Nomor : 1039/H1.SPs/KM/2016

28 Maret 2016

Lamp : Poster

Hal : Permohonan Penyebaran Informasi Test TPA

**Yth: Dekan Fakultas/Direktur Sekolah  
Universitas Gadjah Mada**

Dengan hormat,

Untuk memfasilitasi mahasiswa Pascasarjana UGM dan calon pendaftar pascasarjana di UGM yang belum memiliki sertifikat TPA, SPS UGM bekerjasama dengan UUG BAPPENAS akan menyelenggarakan **Tes Potensi Akademik (TPA BAPPENAS)** pada:

Hari, Tanggal : Sabtu, 23 April 2016

Waktu : Pkl. 08.00-12.00 WIB

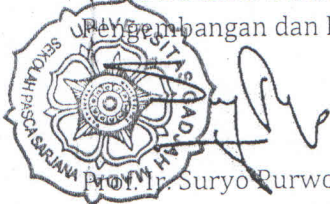
Tempat : Ruang Seminar Lantai 5 Sekolah Pascasarjana UGM

Biaya : Rp. 350.000,-

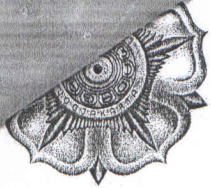
Mohon bantuan Bapak/Ibu Dekan untuk menyebarkan informasi tersebut kepada mahasiswa di lingkungan Fakultas/Sekolah yang Bapak/Ibu pimpin. Terlampir kami kirimkan poster kegiatan dimaksud.

Atas perhatian dan kerjasamanya yang baik, kami haturkan banyak terima kasih.

Wakil Direktur Bidang Akademik,  
Pengembangan dan Kerjasama,



Prof. Ir. Suryo Purwono, M.A. Sc. Ph.D  
NIP. 19611119 198601 1 001



**SEKOLAH PASCASARJANA UGM  
BEKERJASAMA DENGAN  
UUO PT BAPPENAS  
AKAN MENYELENGGARAKAN**



# **TES POTENSI AKADEMIK (TPA)**

<b>Hari, Tanggal Pelaksanaan &amp; Pendaftaran</b>	<b>Waktu Pelaksanaan</b>	<b>Lokasi Pelaksanaan</b>
1. Sabtu, 23 April 2016 (Pendaftaran: 10 Maret - 15 April 2016)	Pukul 08.00 - 12.00 WIB	Ruang Auditorium Jarsari Gedung Sekolah Pascasarjana UGM Jl. Teknika Utara, Pogung, Yogyakarta

**TPA akan dilaksanakan dengan minimum peserta 50 orang**

## **Prosedur Pendaftaran:**

1. Membayar Biaya Pendaftaran Rp350.000 melalui **Bank BNI 46**
  - a. Nama Rekening: **UGM SPs KPU BI UJN TPA**
  - b. Nomor Rekening: **9888819011051060**,biaya pendaftaran tidak dapat diuangkan kembali kecuali dalam kondisi kuota minimum peserta tidak terpenuhi/dapat dialihkan untuk mengikuti tes pada periode selanjutnya.
2. Mengisi Formulir pendaftaran yang dapat diakses di:
  - a. Website Sekolah Pascasarjana UGM <http://www.pasca.ugm.ac.id> pada menu Berita tentang **Test TPA periode 23 April 2016**
  - b. Melalui link <http://goo.gl/forms/Unis0fE97M>
3. Mengirimkan scan bukti pembayaran biaya pendaftaran beserta scan ijazah pendidikan terakhir ke email [sps@ugm.ac.id](mailto:sps@ugm.ac.id) dengan subject: **TPA 23 April 2016**
4. Panitia akan mengirimkan email balasan yang berisikan kartu peserta TPA dalam waktu selambat-lambatnya 2 x 24 jam dari pengiriman email pendaftaran.
5. Kartu peserta harap dicetak dan ditempel foto berwarna ukuran 3x4 cm dan diserahkan ke panitia pada saat registrasi ulang.

## **Persyaratan Mengikuti Test:**

1. Peserta TPA minimal lulusan D3
2. Apabila ijazah belum terbit maka dapat digantikan dengan Surat Keterangan Lulus (SKL)

**Hasil test diumumkan 4 hari kerja setelah tanggal pelaksanaan test**

Gedung Sekolah Pascasarjana UGM,  
Jl. Teknika Utara, Pogung Yogyakarta  
HP. 08112505563, Telp/Fax: 0274 564239, email: [sps@ugm.ac.id](mailto:sps@ugm.ac.id)



## UNIVERSITAS GADJAH MADA

Bulaksumur, Yogyakarta 55281, Telp. (0274) 588688, 562011, Fax. (0274) 565223.  
Website : [www.ugm.ac.id](http://www.ugm.ac.id), E-mail : [setr@ugm.ac.id](mailto:setr@ugm.ac.id)

Nomor : 602/DPP-PR/III/2016  
Lampiran : 1 bendel  
Hal : Penawaran dari Universitas Tohoku

22 Maret 2016

Kepada Yth. : Wakil Dekan Bidang Akademik dan Kemahasiswaan  
di Lingkungan Universitas Gadjah Mada

Dengan hormat,

Bersama ini kami sampaikan penawaran dari Universitas Tohoku (terlampir).  
Mohon kerjasama Saudara untuk mensosialisasikan penawaran ini di lingkungan  
kerja Saudara.

Atas perhatian dan kerjasama Saudara, kami ucapkan terima kasih.



Direktor Pendidikan dan Pengajaran,

Dr. agr. Ir. Sri Peni Wastutiningsih

25 December, 2015

Sekretariat UM UGM  
Direktorat Pendidikan dan Pengajaran,  
Jl. Pancasila (Boulevard),  
Bulaksumur,  
Yogyakarta - 55281,  
INDONESIA

To whom it may concern,

Letter of Notification

Warm greetings from Tohoku University, Japan!

It is our honor to introduce the program called "Data Sciences Program" for your excellent students who wish to study Master's + Doctor's courses or Doctor's course in the Data Sciences field at our university.

Now we are at the stage of recruiting highly motivated students for 2016 October entrance. Please kindly find the leaflet and the poster enclosed and inform to the students. It is a good opportunity to study in Japan with the chance of financial support from the Japanese government MEXT.

For more information, please kindly take a look at our website:

<http://www.is.tohoku.ac.jp/eng/dsp/index.html>

(Or please search "DSP Tohoku" to find the page easily)

Finally, we believe that this activity will energize the academic and student exchanges between your university and ours and create various possibilities for the future.

Should you have any questions, please do not hesitate to contact us at:

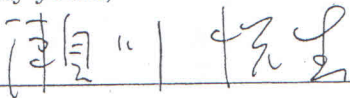
DSP Admissions Office

Graduate School of Information Sciences, TOHOKU UNIVERSITY

6-3-09 Aramaki-aza-Aoba, Aoba-ku, Sendai, 980-8579 JAPAN

E-mail: [ilo@is.tohoku.ac.jp](mailto:ilo@is.tohoku.ac.jp) Phone + FAX: +81-22-795-4691

Sincerely yours,



Dr. Etsuo Segawa (Mr.) in charge of DSP Admissions Office

Enclosure: DSP2016 Leaflet, DSP 2016 Poster

# Data Sciences Program 2016

Development of Human Resource Creating  
Social, Life, and Environmental Foundations

- ⑤ 5 years Master's+Doctor's course or 3 years Doctor's course in JAPAN
- ⑥ Chance of getting MEXT Scholarship
- ⑦ No need to come to JAPAN for the entrance examination

**1** Pre-Application period  
**15-26, 2016**

DSP Admissions Office

Graduate School of Information Sciences, TOHOKU UNIVERSITY

6-3-09 Aramaki-aza-Aoba, Aoba-ku, Sendai, 980-8579 JAPAN

e-mail: ilo@is.tohoku.ac.jp TEL: +81-22-795-4691

Contact us!

See more information ▶

DSP Tohoku University



## Double Mentor System

A student belongs to the other graduate school than GSIS is arranged to have double mentors, one is your supervisor and the other is a GSIS mentor related to your expertise, to help your interdisciplinary study of data sciences.

**Main Mentor**  
(Your supervisor)



**YOU**



**Secondary Mentor**  
(From GSIS)



## Academic Calendar

### Fall Semester Oct. 2016 - Mar. 2017

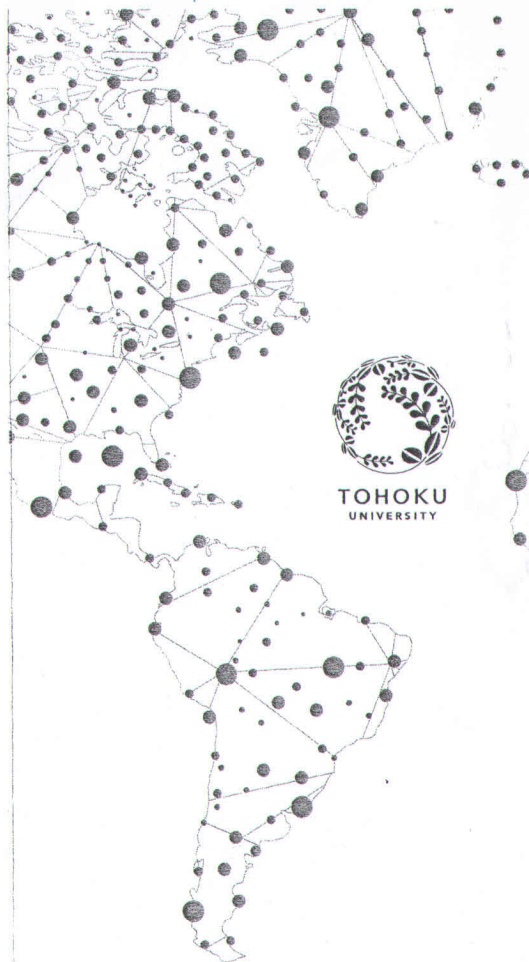
Class begins	Beginning of Oct.
DSP Orientation	Beginning of Oct.
Winter Vacation	End of Dec. - Beginning of Jan.
Class ends	Beginning of Feb.
Spring Vacation (Training Camp I)	Beginning of Feb. Beginning of Apr.

### Spring Semester Apr. 2017 - Sep. 2017

Class begins	Beginning of Apr.
Class ends	Beginning of Aug.
Summer Vacation (Training Camp II)	Beginning of Aug. - End of Sep.



We have a "Group" page where you can communicate with your DSP friends. Feel free to utilize the page, chat with your friends, up your gourmet news, celebrate your friend's birthday, or etc. We will put our news on the page as well. Please visit ↓



TOHOKU  
UNIVERSITY

# Data Sciences Program Tohoku University

Development of Human Resource Creating  
Social, Life, and Environmental Foundations

Cooperating Graduate Schools:  
Information Sciences (GSIS:Coordinator)  
Life Sciences  
Economics and Management  
Engineering

## Guidance 2016

DSP Admissions Office  
c/o International Liaison Office  
Graduate School of Information Sciences

Tohoku University

6-3-09 Aramaki-aza-Aoba, Aoba-ku, Sendai,

Miyagi 980-8579 JAPAN

Phone: +81-22-795-4691

E-mail: ilo@is.tohoku.ac.jp



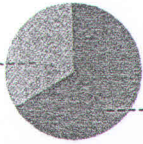
# Overview

## Master's course

You need to earn more than 18 credits from Major subjects in your department/course and more than 10 credits from DSP subjects listed on the other page, where DSP subjects are regarded as Related subjects in your department/course. In total, at least 30 credits are obligatory for graduation.

At least 30 credits in total

More than 10 credits from DSP subjects



More than 18 credits from Major subjects in your department/course

### DSP Subjects provided by GSIS

#### Fundamentals of Data Sciences

Take more than 2 subjects (1 subject = 2 credits)

#### Subjects for Data Sciences

Take more than 1 subject from each category I, II, III (1 subject = 2 credits)

#### Training Subjects (1 subject = 1 credit)

**Big Data Skill Up Training** For those who are not so familiar with mathematical and statistical calculations using R and Python, please take this subject  
**Data Science Training Camp I, II** \*Compulsory subject

**[Option] Internship** (1-2 credits)

## Doctor's course

1 Advanced seminars I, II: Invited researchers give lectures on advanced topics of data sciences. (More than 2 credits)

2 Big data challenge: Project-based group learning with Japanese students using the real big data. (More than 2 credits)

## High Light

### Learning Japanese Language & Culture

The participants are highly encouraged to learn Japanese language and culture, because this is one of primary reasons for studying abroad.

"Japanese Language Program at Kawauchi campus for International Students and Scholars" offers you a wide variety of opportunities of learning.

Please see the guidance for registration ↓

<http://www.he.tohoku.ac.jp/SJLE/JLPK/index-e.html>

# Master's Course Curriculum

	Fall Semester	Spring Semester
<b>Fundamentals of Data Sciences</b> Take more than 2 subjects (1 subject = 2 credits)		
Information Ethics		Information Ethics
Legal System in Information Society		Legal System in Information Society
Data Science Basic	Data Science Basic	
<b>Subjects for Data Sciences</b> Take more than 1 subject from each category I, II, III (1 subject = 2 credits)		
<b>Data Sciences I</b> - Sensing - Storage - Computing	Ultra-High Speed Information Processing Algorithms	Computer Structures
	Computer Architecture	Theory of Differential Equations
	Information and Communications Technology	
	Foundations of Software Science	
<b>Data Sciences II</b> - Analysis - Mining	Internet and its Security	
	Design and Analysis of Information Systems	Computer Vision
	Communication Science	Physical Fluctuomatics
	Probabilistic Models	Intelligent Systems Science
	Theory on Information Security	Intelligent Control Systems
<b>Data Sciences III</b> - Problem Solving - Design	Spatial Information Analysis	Game Theory for Applied Economics
	CS Fundamentals (Intensive course)	IT Fundamentals (Intensive course)
	Spatial Economics	Information Biology
		Mathematical Urban Modeling
		Applied Intelligence Software
		Biomodeling
<b>Training Subjects</b> (1 subject = 1 credit)		
Big Data Skill Up Training	Training of R and Python	
Data Science Training Camp	Training Camp I (Spring Vacation)	Training Camp II (Summer Vacation)
<b>[Option] Internship</b> (1-2 credits)		

\*Training camp I and II are compulsory subjects