

# 2011

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## **Admission Information and Application Guide**

(Doctoral Courses)

**Graduate School of Information Science**

(Including First Exam for Fall 2011 Admission)

**Graduate School of Biological Sciences**

**Graduate School of Materials Science**

(Including First Exam for Fall 2011 Admission)

**NARA INSTITUTE of SCIENCE and TECHNOLOGY**

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<http://www.naist.jp/>

Applicants for the doctoral courses should contact in advance the professor of the laboratory they wish to enter so as to gain a thorough understanding of the fields of research available there.

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\*Application Form for 2011 Admission

\*Examination voucher, Photo Form, Receipt and Statement-of-Payment (*Genpu*) Form

\*Address label

# Educational Policy of NAIST

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## ● Objectives

As a university composed solely of graduate schools, NAIST promotes cutting edge research and offers a sophisticated outcome-based education for each student so as to promote advances in science and technology and in society as a whole.

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## ● Educational mission

NAIST was founded in October 1991 as a university composed solely of graduate schools to nurture individuals capable of contributing to the development of advanced science and technology. Research and education at NAIST cover the three basic areas of Information Science, Biological Sciences and Materials Science.

In order to promote a suitable standard of living for people throughout the world in the 21<sup>st</sup> century, and indeed to secure our very survival, the highest scientific and technical competence, together with a clear grounding in professional ethics, must characterize leading researchers in the coming generations. These are goals we set for our programs at NAIST.

Therefore, in addition to the areas of Information Science, Biological Sciences and Materials Science, we actively encourage interdisciplinary research and provide education in principles of ethics and respect for intellectual property.

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## ● Objectives for each individual student

Education and research in the Master's Courses cultivate sophisticated expertise and initiatives in support of society and the economy. The Doctoral Courses are designed to foster in researchers and engineers a drive to seek new frontiers in science and technology and to play leading roles internationally.

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## ● Educational policy

In addition to a specialized education, a wide-ranging curriculum cultivates ethical thinking, vision, theoretical thinking, comprehensive judgment and sharpened writing skills. A coordinated educational program is offered by the three Graduate Schools to promote interdisciplinary research and a cooperative program is offered together with centers of education and research abroad.

The quality of education is maintained through external evaluations, self-assessments, improved research environments, and economic assistance for competent students.

# Admission Policy

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## ● Admission policy

NAIST welcomes students with high academic capabilities regardless of nationality or major field of undergraduate studies. We also welcome researchers, engineers and others currently working in society who show enthusiasm for research.

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## ● Graduate School of Information Science

The Graduate School of Information Science seeks people who are able to think logically and articulate their thoughts and who seek an ability to respond flexibly to changes in the science and technology of information and communication.

1. Students applying for the Master's Courses must demonstrate a strong curiosity and a willingness to take on entirely new challenges.
2. Students applying for the Doctoral Courses must demonstrate a potential to identify problems in specialized topics and discover practical solutions.

## ● Graduate School of Biological Sciences

The Graduate School of Biological Sciences seeks the following type of students:

1. Those with enthusiasm and drive for discovering basic principles underlying life phenomena and biotic diversity at the molecular and cellular levels.
2. Those with a keen interest in applying their expertise in biological sciences to the solution of problems in society while working in one of the many fields of science and technology.

## ● Graduate School of Materials Science

The Graduate School of Materials Science seeks the following type of students:

1. Those who are highly motivated for creative research in materials science or interdisciplinary topics.
2. Those who can maintain a keen interest in problems of society and the needs of industry while working in technological innovation in one of the many fields of science and technology.

### Entrance Examination Schedule for 2011 Doctoral Courses

Graduate School	Examination Options	Application Period	Dates of Examination	Announcement of Results	Enrollment Procedures
Information Science	1st	Aug.16-18, 2010	Sep.6-10, 2010	Sep.17, 2010	Early March, 2011
	2nd	Feb.1-3, 2011	Feb.21-23, 2011	Feb.25, 2011	Late March, 2011
	Fall 1st				Late September, 2011
Biological Sciences	1st	Aug.30-Sep.1, 2010	Oct.5-6, 2010	Oct.18, 2010	Early March, 2011
	2nd	Feb.1-3, 2011	Mar.3-4, 2011	Mar.14, 2011	Late March, 2011
Materials Science	1st	Jul.26-28, 2010	Aug.23-26, 2010	Aug.30, 2010	Early March, 2011
	2nd	Feb.14-16, 2011	Mar.9-10, 2011	Mar.14, 2011	Late March, 2011
	Fall 1st				Late September, 2011

**Applicants for the doctoral courses should contact in advance the professor of the laboratory they wish to enter so as to gain a thorough understanding of the fields of research available there.**

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## 1. Admission Capacity

Graduate School	Department *1	Admission Capacity*2
Information Science	Information Processing Information Systems *Bioinformatics and Genomics	43
Biological Sciences	Cell Biology Molecular Biology	34
Materials Science	Materials Science	30

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\*1: Admission is not per to a specific Department.

\*2: Admission capacity includes a number of students who are continuing on from the NAIST Master's Courses and some for the Fall term.

### \*The Department of Bioinformatics and Genomics

Conducts an interdisciplinary approach by integrating information science into bioscience, and, students from both Information Science and Biological Sciences are welcome.

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## 2. Qualifications for Application

- (1) Those who hold a master's degree or a \*professional degree. (\*Stipulated in the Rules for Degrees, Article 5-2 (1948 Ministry of Education Ordinance, No. 9) in accordance with the School Education Act, Article 104-4.)
- (2) Those who will be conferred a master's degree or a professional degree by March 31, 2011.
- (3) Those who hold the equivalent of a master's degree or a professional degree in foreign country.
- (4) Those who will be conferred the equivalent of a master's degree or professional degree in a foreign country by March 31, 2011.
- (5) Those who hold the equivalent of a master's degree or a professional degree by taking a foreign university's correspondence course in Japan.
- (6) Those who, by March 31, 2011, will be conferred the equivalent of a master's degree or a professional degree by taking a foreign university's correspondence course in Japan.
- (7) Those who have completed their course and have been conferred the equivalent of a master's degree at a foreign educational institute in Japan authorized by the educational system of the foreign country and specified separately by the Minister of MEXT.
- (8) Those who will complete their course and will be conferred the equivalent of a master's degree by March 31, 2011 at a foreign educational institute in Japan authorized by the educational system of the foreign country and specified separately by Minister of MEXT.
- (9) Those who are deemed eligible by the Minister of MEXT. (1989 Ministry of Education Ordinance, No. 118)
  - ① Those who have engaged in research for more than 2 years at a university, or a research institute, etc. after graduating from a university, and are thereby recognized to have an academic ability equivalent or superior to a master's degree or a professional degree.
  - ② Those who have engaged in research for more than 2 years at a university or a research institute, etc. after having completed a 16-year curriculum of foreign school education or having taken a foreign school's correspondence course in Japan, and are thereby recognized to have an academic ability either equivalent or superior to a master's degree or a professional degree.
- (10) Those who are recognized by NAIST through the Preliminary Screening for Suitability (See Note 2) to have an academic ability equivalent or superior to a master's degree or a professional degree, and who will be at least 24 years old by March 31, 2011.

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\*1. Applicants for the Fall Admission should replace with September 30, 2011 the date March 31, 2011, specified in the "Qualifications for Application (2), (4), (6), (8) and (10) above.

\*2. Applicants who meet qualifications (9) or (10) should follow the procedures given in **Article 7: Preliminary Screening for Suitability for the Applicants who Meet Qualifications (9) and (10)** on pages 6 before taking the entrance examination.

### 3. Application Procedures

#### (1) Application period

Examination options		Application period	Remarks
Information Science	1st	Aug.16(Mon.)-18(Wed.), 2010	Information and an Application Guide for the 2nd examination for Fall 2011 will be provided around April, 2011.
	2nd (1st examination for fall admission)	Feb.1 (Tue.)-3(Thu.), 2011	
Biological Sciences	1st	Aug.30(Mon.)-Sep.1(Wed.), 2010	Information and an Application Guide for the 2nd examination for Fall 2011 will be provided around April, 2011.
	2nd	Feb.1(Tue.)-3(Thu.), 2011	
Materials Science	1st	Jul.26(Mon.)-28(Wed.), 2010	Information and an Application Guide for the 2nd examination for Fall 2011 will be provided around April, 2011.
	2nd (1st examination for fall admission)	Feb.14(Mon.)-16(Wed.), 2011	

#### (2) How to apply

- Please send by registered express mail the documents required and the 30,000 yen examination fee (only postal money order accepted) in an envelope designated by NAIST or a standard size envelope (33cm X 24cm) to the address below, or bring them directly to the Student Affairs Division.

**Admissions Section, Student Affairs Division, Nara Institute of Science and Technology  
8916-5, Takayama, Ikoma, Nara 630-0192, Japan**

- When applying by mail, please note that we accept only those applications that arrive at NAIST postmarked within the application period (**as indicated by the postmark on the envelope**).
- When bringing documents directly, please note that we accept application forms from 9:00am to 5:00pm during the application period (closed from 12:00pm to 1:00pm and Saturdays, Sundays, and holidays).
- Although there is no limitation on the number of applications one person may make, application procedures must be followed for each application separately.
- Application forms can be downloaded at: (<http://www.naist.jp/>). Please fill in the necessary information before printing them out.

#### (3) Examination voucher

Upon receipt of application documents, we will send an examination voucher, a receipt for the examination fee and the examination guidelines to the applicant in the stamped, self-addressed envelope by express mail. If the examination voucher does not arrive **one week prior** to the examination date, please contact the Admissions Section, Student Affairs Division (phone +81(743)72-5083).

#### (4) Documents required

<For all applicants>

	Documents required	Remarks
a	Application form	Form designated by NAIST
b	Examination voucher and photo form	Form designated by NAIST
c	Receipt form and Statement of payment ( <i>Genpu</i> ) form	Form designated by NAIST Japanese government (Monbukagakusho: MEXT) Scholarship Students need not submit them.
d	Graduation / Expected Graduation certificate for the master's degree	Must be issued by a graduate school or institute, which meets the qualifications for application. Applicants who meet qualification (9) or (10) need not submit it. English translation must be attached if written in a foreign language other than English.
e	Transcript for the bachelor's degree	Must be issued by a university or other educational institute, which meets the qualifications for application. Must be issued by the president, dean, or equivalent individual of the university from which you graduated. Applicants who meet qualification (9) or (10) need not submit it. Applicants for the Graduate School of Biological Sciences need not submit it.
f	Transcript for the master's degree	Must be issued by a graduate school or institute, which meets the qualifications for application. *Applicants who meet qualification (9) or (10) need not submit it.
g	Research record	Any form is acceptable. Within five A4 pages. (Write on one side only.) In Japanese or English. Do not print in color. Indicate your name on each page. Do not staple. If you have Japanese or English publications of your own, please attach offprints.
h	Research plan	Any form is acceptable. Within two A4 pages (write on one side only). In Japanese or English. Do not print in color. Indicate your name on each page. Do not staple.
i	Examination fee	We only accept ¥30,000 postal money orders. Please do not write on it or sign it. Japanese government (Monbukagakusho:MEXT) Scholarship Students are exempt from the examination fee. MEXT Scholarship Students enrolled at other universities need to submit a certificate stating their status as Government-financed foreign students.
j	Address label	Please fill out the necessary information in the label provided.
k	Self-addressed envelope	Use either a designated envelope or a standard size envelope (24cm X 12cm), attach 350-yen in stamps, and write your name and address precisely and clearly. Specify "By Express" in red ink.

<Applicants entering from the work place>

	Documents required	Remarks
l	Approval of application from current employer	Any form is acceptable. Must be approved by the current employer and issued by an authorized person.

• If you are not able to submit this document for any reason, please submit a document explaining your current situation.  
(Any form is acceptable.)

#### (5) Other notifications

- If you have a physical disability and require any special help in taking an examination or in following your academic program, please consult with the Admissions Section, Student Affairs Division prior to submitting your application.  
Phone: +81(743)72-5083 Fax +81(743)72-5014 E-mail: [gakusei@ad.naist.jp](mailto:gakusei@ad.naist.jp)
- If the application documents are incomplete, the application will not be accepted in principle. Before submitting your application form, be sure to check that all the necessary documents are enclosed along with the checklist on the reverse side of the designated envelope. Further changes to the submitted documents cannot be accepted.
- If any falsification or discrepancies in any of the documents submitted is found, admission may be revoked.



## 4. Method of Examination

### (1) Method of Examination

Examinees are evaluated according to the following:

Graduate School of Information Science	1. Transcript 2. Interview test of English or Japanese proficiency 3. Interview test of specialized knowledge 4. Presentation of research activities and research plan and corresponding interview 5. Presentation of master's thesis and corresponding interview in addition to the above if you meet qualifications (2), (4), (6) or (8). The presentations for 4 and 5 must be in Japanese or English for approximately 20 minutes in total.
Graduate School of Biological Sciences	1. Transcript 2. Interview test of specialized knowledge and English proficiency 3. Presentation of research activities and research plan and corresponding interview 4. Presentation of master's thesis and corresponding interview in addition to the above if you meet qualifications (2), (4), (6) or (8). The presentations for 3 and 4 must be in Japanese or English and for approximately 15 minutes in total.
Graduate School of Materials Science	1. Transcript 2. Interview test of English proficiency 3. Presentation of research activities and research plan and corresponding interview 4. Presentation of master's thesis and corresponding interview in addition to the above if you meet qualifications (2), (4), (6) or (8). The presentations for 3 and 4 must be in Japanese or English for approximately 20 minutes in total. 5. Interview test of specialized knowledge based on the interview in 3 and 4.

- Applicants for any Graduate School may use a PC projector. If you need to use one, please indicate the request in written form on the application.

### (2) Examination period and place

NAIST will designate the examination dates during the periods specified below.

Examination options		Period	Time	Place
Information Science	1st	Sep.6(Mon.)-10(Fri.), 2010	9:00 am to 5:00 pm	NAIST
	2nd (1st examination for fall admission)	Feb.21(Mon.)-23(Wed.), 2011		
Biological Sciences	1st	Oct.5(Tue.)-6(Wed.), 2010		
	2nd	Mar.3 (Thu.)-4(Fri.), 2011		
Materials Science	1st	Aug.23(Mon.)-26(Thu.), 2010		
	2nd (1st examination for fall admission)	Mar.9(Wed.)-10(Thu.), 2011		

- You will be notified of the date and time of your examination when the examination voucher is returned to you.

## 5. Examination Results and Enrollment Procedures

	Examination options	Announcement of results	Enrollment procedures
Information Science	1st	Sep.17(Fri.), 2010	Early March 2011
	2nd	Feb.25(Fri.), 2011	Late March, 2011
	First examination for Fall admission	Feb.25(Fri.), 2011	Late September, 2011
Biological Sciences	1st	Oct.18(Mon.), 2010	Early March, 2011
	2nd	Mar.14(Mon.), 2011	Late March, 2011
Materials Science	1st	Aug.30(Mon.), 2010	Early March, 2011
	2nd	Mar.14(Mon.), 2011	Late March, 2011
	First examination for Fall admission	Mar.14(Mon.), 2011	Late September, 2011

Examination results will be announced on the NAIST bulletin board located next to the entrance hall of NAIST Administration Bureau and on the NAIST website (<http://www.naist.jp/>) from 10:00 am (scheduled) on the dates specified above.

If you will not be able to access the NAIST bulletin board or website, together with your application documents enclose a standard size (24cm X 12cm) self-addressed envelope affixed with 350-yen in stamps. A list of successful applicants' ID numbers will be sent to you by express mail on the day of the announcement.

Applicants who meet qualification (2), (4), (6) and (8) are required to submit a graduation certificate on the day of enrollment. Please note that if they have not yet conferred a Master's degree by the enrollment day at NAIST, they will not qualify for enrollment.

## 6. Payments Required for Admission

- (1) Admission fee: 282,000 yen (Provisional)
- (2) Tuition fee: 267,900 yen for the Spring 2011 term (535,800 yen for the annual fee) (Provisional)
  - If there is a change in fees, the new tuition fee will be applied upon change.
  - Tuition for the Spring and Fall terms can be paid together upon your request.

## 7. Preliminary Screening for Suitability for the Applicants who Meet Qualifications (9) and (10)

Application deadlines for the Preliminary Screening for Suitability (Should be made no later than the following dates)

	Information Science	Biological Sciences	Materials Science
1st screening	Aug.2(Mon.), 2010	Jul.5(Mon.), 2010	Jun.18(Fri.), 2010
2nd and 1st screening for Fall admission for Information and Materials Science	Jan.14(Fri.), 2011	Dec.21(Tue.), 2010	Dec.21(Tue.), 2010

### Documents required

#### ① Applicants who meet qualification (9)

Documents required	Remarks
Application form for qualification screening	Designated form. (Please obtain from the Student Affairs Division.)
Certificate of graduation	If not written in English, attach an English translation.
Transcript of academic records	Must be issued by the university from which you graduated.
Achievement report	Designated form. (Please obtain from the Student Affairs Division.) A simple and objective description of your research achievements in your major.
Certificate of research activities	Designated form. (Please obtain from the Student Affairs Division.) Must be issued by the research institute, etc. in which you are currently enrolled.
Copies of relevant certificates	Examples: Research papers, Credentials, Certificates of proficiency tests or achievement tests, Certificates of English proficiency tests, Acquired patents, Software specifications developed.
Stamped, self-addressed envelope for sending the screening results	Write your name and address clearly on a <u>standard-size envelope (24cm X 12cm)</u> affixed with 350-yen in stamps. Specify "Express Mail" in red ink.

#### ② Applicants who meet qualification (10)

Documents required	Remarks
Application form for qualification screening	Designated form. (Please obtain from the Student Affairs Division.)
Graduation certificate of final academic record	If not written in English, attach an English translation.
Transcript of final academic record	Must be issued by the university from which you graduated.
Copies of relevant certificates	Examples: Research papers, Credentials, Certificates of proficiency tests or achievement tests, Certificates of English proficiency tests, Acquired patents, Software specifications developed.
Stamped, self-addressed envelope for sending the screening results	Write your name and address clearly on a <u>standard-size envelope (24cm X 12cm)</u> affixed with 350-yen in stamps. Specify "Express Mail" in red ink.

The result of the preliminary screening will be delivered prior to the application period.

## 8. Additional Information

(1) Fees and documents once paid or submitted will not be refunded or returned for any reason.

(2) Applicants are responsible for finding accommodation during the examination.

(3) How to obtain the university prospectus and an application guide:

- Application documents can be obtained at: <http://www.naist.jp/>. Please print them out after filling in the necessary information.
- If you are in Japan, please send a self-addressed envelope (33cm X 24cm) with stamps attached to the contact address below. Specify in red ink "Request for Admission Information and Application Guidance for Spring Admission for the Doctoral Courses of the Graduate School of XXXXX / University Prospectus". Postage to be attached is as follows:

Postage to be attached	Application guide and prospectus	Application guide only
Regular mail	390 yen	200 yen
Express mail	760 yen	470 yen

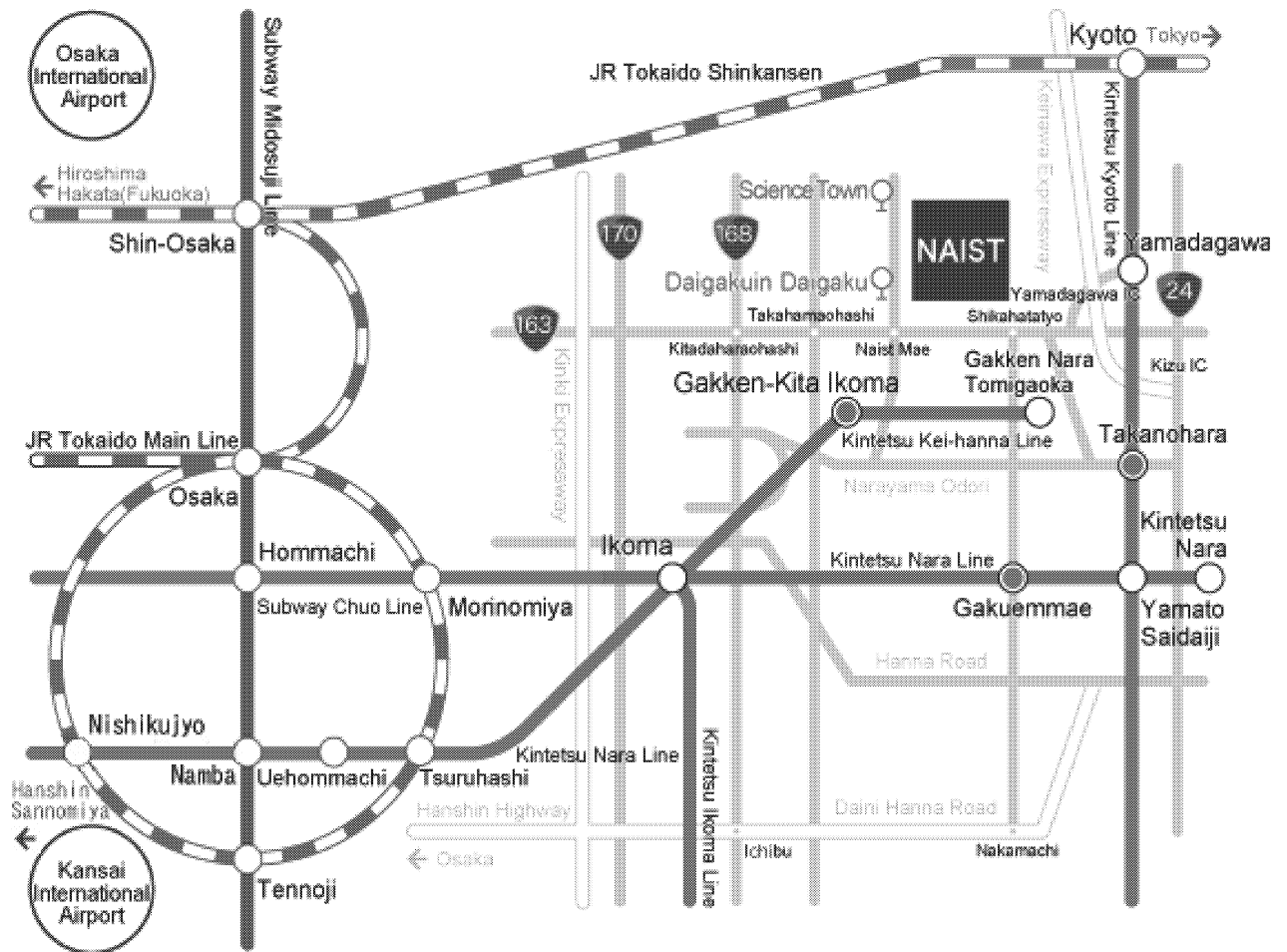
(4) When you request the Admission Information and Application Guide for Fall 2010, follow the procedure in (3) mentioned above. Specify "Requesting 2010 Fall Admission Information and Application Guide for Doctoral Courses of the Graduate School of XXXXX / University Prospectus" in red ink on a stamped, self-addressed envelope.

(5) In compliance with the Private Information Protection Law regarding private information owned by an Independent Administrative Legal Entity, all the private information (including entries in documents required for application and examination results) are used only for the purpose of screening (follow-up check included), and are not used for any other purpose.

(6) If you have any further questions regarding the application guide, please contact us at the following address.

**Admissions Section, Student Affairs Division, Nara Institute of Science and Technology**  
8916-5, Takayama, Ikoma, Nara 630-0192, Japan Phone: +81(743)72-5083/5084 Fax: +81(743)72-5014  
E-mail: [gakusei@ad.naist.jp](mailto:gakusei@ad.naist.jp)

## Access Map



## Transportation

From Osaka or Kyoto to the station nearest the university

Approx. 30 min. from Subway "Hommachi" to "Gakken Kita Ikoma"

Approx. 30 min. from Kintetsu Line "Osaka-Namba" to "Gakken Kita Ikoma" (Switch at Ikoma)

Approx. 25 min. from Kintetsu Line "Osaka-Namba" to "Gakuemae" (Super express)

Approx. 35 min. from Kintetsu Line "Kyoto" to "Takanohara" (Express)

Buses from each station to the "Daigakuin Daigaku" stop

Approx. 25 min. from Kintetsu Line "Gakuemae"

Approx 25 min. from Kintetsu Line "Takanohara"

8 min. from Kintetsu Line "Gakken Kita Ikoma"

Please check the bus timetable at the Nara-Kotsu website.

<http://www.narakotsu.co.jp/index.html>