

Application Guidelines for 2020

INTEGRATED GRADUATE SCHOOL OF
MEDICINE, ENGINEERING, AND AGRICULTURAL SCIENCES

MASTER'S COURSE

(DEPARTMENT OF ENGINEERING)

(If you are Japanese or can read Japanese, see the Japanese version.)



University of Yamanashi

(<https://www.yamanashi.ac.jp>)

Online Application User Guide

Please apply online to the University of Yamanashi. The information you input in the online application is checked automatically so there is no danger of forgetting to include information or typing errors. This eliminates the need to request application guidelines and forms and allows you to register at any time during the application period. Examination fees can be paid by credit card or at convenience stores.

STEP 1

Advance Preparation for Online Application

① Computer, smartphone, tablet, other connected to the Internet

Please update your OS and browser to the latest version. Please download the latest version of Adobe Reader from Adobe Systems (free) and make sure it is updated to correctly display PDF files.

② Accessible email address

Please be sure to have an email address that can be used on a personal computer, smartphone or other device. Please change your settings to allow you to receive messages from "@yamanashi.ac.jp" so that messages from the university do not end up marked as spam.

③ Printer for printing A4-sized documents

A printer is needed to print out application documents. If you do not have a printer at home, please use a printer at a public facility, such as a school or library, or printing services at convenience stores.

④ Application documents to prepare in advance

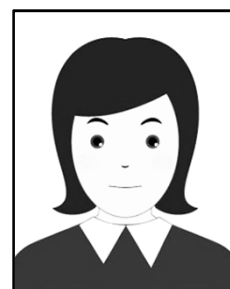
You may need time to receive a certificate of (prospective) graduation, academic transcripts, grades from external English examinations, and other required documents. Please apply early to your graduating university and each issuing institution. Forms, such as "Statement of Purpose", can be downloaded from the university's website before the application period.

⑤ Kakugata 2-go size envelope and ¥362 stamp

You will need an envelope to send your application documents. Please purchase a ¥362 stamp (exact amount).

⑥ Photo

Please prepare a photo (JPEG) taken within the last three months, full front face, half-length without hat, plain background, full color, 4cm x 3cm (800x600 pixels or higher).



STEP 2

Register your email address

Search for "University of Yamanashi online application" online or access the website from the QR code below, and register your email address by clicking on "New User Registration" at the upper right side of the screen. A message will arrive in your inbox immediately after you register, so please proceed to the next step within 30 minutes of receipt using the URL included in the message.

STEP 3

Register user information *You can register anytime.

Please register your personal information (name, address, telephone number, date of birth, etc.) following the instructions on the screen.

STEP 4

Register application information

*Only during application period

Please register the application information (exam type, preferred course, examination subjects, photos, etc.) following the instructions on the screen.



University of Yamanashi
Online Application Site
<https://syutugan.yamanashi.ac.jp>

STEP 5

Pay the entrance examination fee

Click on "My Page" at the upper right side of the screen on the online application site. From "Pay examination fee", select the method of payment (① Convenience stores, ② ATMs at financial institutions (Pay-easy), ③ Internet banking, ④ credit card) and pay the entrance examination fee. Depending on the method of payment, it may take about 2 hours for your payment to be confirmed.

STEP 6

Print, complete and submit application documents

Click on "My Page" at the upper right side of the screen on the online application site. You can print and complete the necessary documents from "Print application documents". Affix the envelope address label to your own envelope, place documents inside the envelope after you have confirmed that all documents are included using the "Application Documents Checklist" and submit this to the Admission Division at the University of Yamanashi.

The application process is complete after the application documents have been accepted.
Please wait for the examination admission slip to arrive.

INDEX

ADMISSIONS POLICY	1
1 Overview	4
2 First Call for Applications	
Special Selection Application Guideline for Preferred Applicants	6
General Selection Application Guideline	12
General Information	23
3 Second Call for Applications	
Special Selection Application Guideline for Preferred Applicants	25
General Selection Application Guideline	30
General Information	40
4 Course or Program Descriptions	42

Designated Forms

- Form 1 Letter of Recommendation (Special Selection for Preferred Applicants only)
Form 2 Statement of Purpose
Form 3 Research Project Plan
Form 4 Form for the Approval of Application Requirements (Only applicants who are subject of a prequalification)

Please download the documents to be submitted for use in the examination of application requirements from the University of Yamanashi website: <https://www.yamanashi.ac.jp/admission/45>
Admissions > Graduate School Entrance Examination > Applicant Requirements

<<References>>

Admission Division, Academic Affairs Support Department,
University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi, 400-8510 Japan
Phone: 055-220-8046 (from abroad, 81(0)55-220-8046)

Weekdays (Mon-Fri): Between 8:30 and 17:00
(Except school holidays, public holidays, August 14 to 16,
and December 29 to January 3)

<<ADMISSIONS POLICY>>

The Principles, Aims, and Admissions Policy of the Integrated Graduate School of Medicine, Engineering, and Agricultural Sciences

[Principles and Aims]

The aims of our education and research programs are as follows: to cultivate superior scholars who can apply their academic studies to solution of the problems faced by today's society, and who, from a global perspective, can creatively improve upon these applied solutions; and to cultivate competent business specialists equipped with high-grade academic knowledge.

[Educational Objectives]

We nurture those who, as professional engineers and researchers, will contribute to society using their expertise, development capability, ability to identify and solve problems, and international communication skills.

[Admissions Policy]

We invite to join our programs students with a basic academic foundation in their field of specialization, who are motivated to seek further knowledge and pursue advanced research and applications, and who have a desire to give back to society.

Department of Engineering

Those who have fundamental field-specific knowledge and are judged capable of taking specialized subject courses, who are motivated to work in the industry as highly skilled engineering professionals after completing the course, or who aim to pursue a doctoral course and are research personnel currently. During the entrance examination, we will assess their fundamental specialized knowledge, research plan, and motivation to do this master's course.

▪ Mechanical Engineering Course

The mechanical engineering course, positioned as the foundation of engineering that supports "MONOZUKURI" (manufacturing), aims to educate exceptional professional engineers in the field of mechanical engineering. In order to achieve this objective, the course requires each admission applicant to possess a compelling motivation for learning as well as the following fundamental knowledge and abilities:

- (1) Those who have acquired fundamental expertise and basic mechanical engineering skills during the undergraduate course.
- (2) Those who have a compelling interest not only in mechanical engineering but also in the branch of engineering; furthermore, those who desire to contribute towards the diverse demands of society and create a new society by employing MONOZUKURI technology.
- (3) Those who can comprehensibly explain mechanical engineering details to others in Japanese or English, and who aim to improve their communication skills for more meaningful discussions.

▪ Electrical and Electronic Engineering Course

To be eligible for admission to the electrical and electronic engineering course, applicants must meet the Following conditions:

Applicants must be determined to face the challenge of unknown subjects and expand academic research in electrical and electronic engineering, or work on solving problems in contemporary society by applying electrical and electronic engineering and related knowledge.

In addition, applicants must possess the following preliminary knowledge and skills:

- (1) Fundamental knowledge of electric and electronic circuits and electromagnetism theory
- (2) Basic skills to design and implement fundamental circuits.
- (3) Language skills (Japanese and/or English) to explain technical content accurately and distinctly, listen actively, and discuss comprehensively.
- (4) Requisite English communication skills as a graduate student in the field of electrical and electronic engineering.

▪ **Computer Science and Engineering Course**

Prospective applicants should aspire to become professionals with a broad perspective of the field of information theory and technology. Applicants should strive to acquire advanced knowledge and skills in the field, become adept at analytical thinking, and improve their capacity for engineering problem solving and design skills under different constraints. Successful applicants will require the following knowledge and skills:

- (1) Algorithms and Data Structures, and Programming.
- (2) Discrete Mathematics, Computer Architecture and Operating Systems, Databases, Computer Networks, Software Engineering.
- (3) Presentation skills in their statement of purpose and research project plan that should logically describe an engineering viewpoint
- (4) Oral communication skills in English.

▪ **Mechatronics Course**

Those who aim to apply for this course should possess the following abilities based on their knowledge and skill in the mechatronics engineering field including mechanical, electrical, and information engineering.

- (1) Collaborative development, problem-solving, communication, and utilization of skills.
- (2) Playing a central role in “Manufacturing” development.
- (3) Contributing to solving social problems.

Requirements:

- (1) Basic knowledge of Linear Algebra, Calculus, and Differential Equations.
- (2) Basic knowledge of at least one of the following four subjects: Material Mechanics & Mechanical Dynamics, Programming, Digital Circuit and Control Engineering.
- (3) Ability to explain and discuss their research field in Japanese / English.
- (4) Ability to communicate as required by a graduate student in the mechatronics engineering field.

▪ **Civil and Environmental Engineering Course**

We seek applicants who are interested in the engineering and social issues that civil and environmental engineering is currently facing, and who are willing to develop practical and academic research on technical development and deployment of civil and environmental engineering. In addition, we seek applicants with the following knowledge and skills:

- (1) Basic knowledge of structural engineering, hydraulics, soil mechanics, planning and management of land, infrastructure and project, construction materials, environmental system engineering etc, that are the major academic fields of civil and environmental engineering.
- (2) Communication skills in Japanese or English to comprehensibly explain the subjects that they majored in and discuss the content in detail.

▪ **Applied Chemistry Course**

We seek individuals who intend to contribute towards innovative social developments through creative research and studies based on comprehensive global perspectives, utilizing advanced knowledge and technological proficiency in applied chemistry fields such as organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry, and polymer chemistry. Ideal candidates are:

- (1) Individuals who possess basic knowledge in the following areas: organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry, and polymer chemistry.
- (2) Individuals who can organize, communicate, and discuss research topics based on scientific specialization in detail.

- **Advanced Material Science Course**

We welcome applicants who aim to conduct basic or applied research on new materials for photonics and electronics, as well as quantum devices and novel functional devices themselves, with a passion to pursue multi-dimensional and comprehensive solutions. They should also possess sufficient knowledge, academic skills, intelligence, and sophistication.

To be eligible for admission, applicants must meet the following minimum requirements:

- (1) Possess basic skills and knowledge in mathematics, physics, and chemistry at an undergraduate level.
- (2) Possess flexible, sophisticated notions regarding issues from a broad perspective.
- (3) Possess willingness and potential ability to express the essence of an issue and logically discuss it in Japanese or a foreign language based on a multifaceted understanding of the research topic.

- **Special Educational Program on River Basin Environmental Science**

Interdisciplinary Centre for River Basin Environment (ICRE) seeks young experts who understand diverse regions and communities, identify area-specific environmental and water issues, and implement practical solutions. We conduct flood and drought risk analyses, study conservation and relocation of water resources, identify pollution sources and processes, develop locally fitted treatments for drinking and wastewater, and evaluate health and socio-economic impact with master's and doctoral students.

Candidates should also possess the following knowledge and skills:

- (1) Basic knowledge of hydrology, water quality, microbiology, environmental engineering, and public health.
- (2) Skills to explain and discuss their own majors, comprehensively and distinctly.

- **Special Educational Program for Green Energy Conversion Science and Technology**

We seek applicants aspiring to become international scientists and engineers who can contribute to the realization of a low-carbon society by acquiring comprehensive green energy conversion and storage knowledge and technologies such as fuel cells, solar cells, hydrogen production, and thermoelectric conversion together with developing English communication and discussion skills.

The following abilities of the applicant will be examined:

- (1) Basic knowledge of either chemistry (physical chemistry, inorganic chemistry, etc.) or physics/electronic properties, as a fundamental of green energy conversion and storage.
- (2) Ability to distinctly discuss and explain the applicant's topic of expertise in either English or Japanese.
- (3) Undergraduate level English comprehension and communication skills..

Number of Students to be Admitted

Classification of Application Courses or Programs	Capacity	Number of Students to be Admitted						
		First Call for Applications (October 2019 and April 2020 Enrollment)			Second Call for Applications (April 2020 and October 2020 Enrollment)			Total Number of Students to be Admitted
		Special Selection for Preferred Applicants	General Selection	Special Selection for Working Members of Society	Special Selection for Preferred Applicants	General Selection	Special Selection for Working Members of Society	
Mechanical Engineering Course	181	18	5	A few		A few	A few	23
Electrical and Electronic Engineering Course		15	8	A few		A few	A few	23
Computer Science and Engineering Course		16	7	A few	A few	A few	A few	23
Mechatronics Course		15	8	A few		A few	A few	23
Civil and Environmental Engineering Course			15	A few		A few	A few	15
Applied Chemistry Course		24	12	A few		A few	A few	36
Advanced Material Science Course		15	12	A few		A few	A few	23
Special Educational Program on River Basin Environmental Science			10	A few		A few	A few	10
Special Educational Program for Green Energy Conversion Science and Technology			5			A few		5
Total	181	103	78					181

Please apply for Special Selection for Preferred Applicants or General Selection if you are foreign applicants (overseas students) .

Examination Dates

[**First Call for Applications** (October 2019 and April 2020 enrollment)]

Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.		
Examination of Application Requirements		An examination of application requirements will be conducted in advance for applicants who apply under certain conditions. Refer to note regarding application requirements.
Application Period		June 17 (Monday) – June 24 (Monday), 2019 Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee”, and “Print, complete, and submit the application documents” above before the application deadline.
Examination Date		July 6 (Saturday), 2019
Announcement of Successful Applicants		July 19 (Friday), 2019
Entrance Procedures	Enrollment in October 2019	September 13 (Friday), 2019
	Enrollment in April 2020	March 9 (Monday) – March 15 (Sunday), 2020

[**Second Call for Applications** (April 2020 and October 2020 enrollment)]

Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.		
Examination of Application Requirements		An examination of application requirements will be conducted in advance for applicants who apply under certain conditions. Refer to note regarding application requirements.
Application Period		November 22 (Friday) – November 29 (Friday), 2019 Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee”, and “Print, complete, and submit the application documents” above before the application deadline.
Examination Date		December 14 (Saturday), 2019
Announcement of Successful Applicants		December 20 (Friday), 2019
Entrance Procedures	Enrollment in April 2020	March 9 (Monday) – March 15 (Sunday), 2020
	Enrollment in October 2020	September 11 (Friday), 2020

First Call for Applications

(October 2019 and April 2020 Enrollment)

Special Selection Application Guideline for Preferred Applicants

The development and growth of science technology are significant these days, and social demand calls for creation of new interdisciplinary research fields transcending the existing academic framework.

From this perspective, in our Master's program (Department of Engineering), we aim to offer distinctive education and research, and, by way of an oral examination and examination of application documents, we encourage special selection of those who actively undertake academic study and research in their specialized field or beyond.

1. Number of Students to be Admitted

Course	Number of Students to be Admitted
Mechanical Engineering Course	18
Electrical and Electronic Engineering Course	15
Computer Science and Engineering Course	16
Mechatronics Course	15
Applied Chemistry Course	24
Advanced Material Science Course	15
Total	103

2. Application Requirements

Applicants who meet at least one of the following requirements, have obtained commendable results in their university or college, have been recommended by their academic advisor, and can assure entrance after the announcement of successful applicants.

- (1) Persons who have graduated or are expected to graduate from a university or college as designated by Article 83 of the School Education Law of Japan (Law #26, 1947) by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 4 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2020 (or September 2019 for candidates desiring enrollment in October 2019) and be awarded a Bachelor's degree according to the law by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (4) Persons who have completed a course or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019) at an educational institution abroad (a graduate of which must have completed a 16-year course in the school education system), which is assessed in Japan to have university courses in that education system, and is specifically designated by the Minister of Education, Culture, Sports, Science and Technology.
- (5) Persons who are recognized by the Minister of Education, Culture, Sports, Science and Technology as having academic ability equal to or higher than persons who are graduates of a university or college.
- (6) Persons who have completed specialized courses specifically designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school, whose minimum period required for graduation is 4 years or longer and which also satisfies other conditions specified by the Minister of Education, Culture, Sports, Science and Technology, on or after the date designated by the Minister of Education, Culture, Sports, Science and Technology, or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (7) Persons who have spent 3 years or more at a university, or who have completed a 15-year school education program abroad, and who are recognized by our graduate school as having obtained the designated credits with excellent results.

Note: An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (7) and foreign applicants (overseas students). Please contact the Admission Division by May 13 (Monday).

3. Preparation before the Application Period (if applicable)

(1) Examination of application requirements for overseas students

An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please send Required documents for the approval of application requirements to the Admission Division.

Applicants who apply under the conditions outlined in item (1) of the application requirements listed above will be exempted from the examination of application requirements (no distinction made between government-financed, government-dispatched, and private students).

In some cases, research students (government-financed, government-dispatched, and private) and applicants who received an examination of application requirements until and including last year are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81(0)55-220-8738).)

Applicants will be informed of the results of the examination by May 31 (Friday), 2019. If the results of the examination is passed, please be sure to do an application procedure in the application period.

【Required documents】

- ① Examination Form for the Approval of Application Requirements (Form 4)
- ② Certificate of (Prospective) Graduation and Academic Transcript (prepared by graduating university)
- ③ Letter of Recommendation (Form 1)
- ④ Statement of Purpose (Form 2)
- ⑤ Research Project Plan (Form 3)
- ⑥ TOEIC, TOEFL or IELTS Test Score (refer to page 9)
- ⑦ Copy of Passport or Resident Record (refer to page 9)

【Application Period】

May 13 (Monday) – May 17 (Friday), 2019 5:00 pm (must arrive in the application period)

① For residents in Japan

If sending your application documents by post, please be sure to send them by registered express mail. Please consider postal conditions and ensure that the documents arrive at the university within the application period. If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

(2) Special measures for entrance examination

If you need special consideration in the entrance exam or in the course study, for such as physical disability, please consult us by May 13 (Monday), 2019.

Mailing address / Inquiries:

Admission Division, Academic Affairs Support Department, University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi, 400-8510 Japan
Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

4. Application Procedure

(1) Preparation (Please prepare the following ①–⑥)

- ① Applicants should prepare a computer or a smartphone or a tablet connected to the Internet
- ② A printer for printing the application documents
- ③ An E-mail address for registering as a user
- ④ An image file containing a photograph of the applicant's face
- ⑤ A 362-yen stamp for posting the application documents (for sending examination admission slip)
*Unnecessary for the person who applies from foreign countries.
- ⑥ Rectangular #2-sized envelope (24 cm × 33.2 cm)
*Unnecessary for the person who applies from foreign countries

(2) Application Method

- ① Register the application information using the online application site
↓
 - ② Pay the entrance examination fee
↓
 - ③ Print, complete, and post the application documents (must arrive by the deadline)
- ※ Applicants must complete ①–③ above before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(3) Online Application Site

<https://syutugan.yamanashi.ac.jp>

The online application site can be accessed using the above URL. Please follow the guidelines on the screen to register the applicant's personal and application information, etc.

(4) Payment of the Examination Fee

Examination fee JPY30,000

1. Please select the payment method from the examination fee payment screen and complete the payment procedure.
The following payment methods are accepted. The payment method of the one to apply from the foreign countries is only a credit card. Depending on the method of payment, it may take about two hours for your payment to be confirmed.
①Convenience store, ②ATM of a financial institution (Pay-easy), ③Internet banking, ④Credit card
2. For all payment methods, transfer fee will be charged separately.
3. Once the examination fee has been paid, it will not be refunded for any reason.

【Exemption from the Entrance Examination Fee】

The University of Yamanashi takes measures to exempt applicants affected by the 2011 Tohoku earthquake and tsunami, the Kumamoto earthquakes, Heavy rain in July of 2018 and the 2018 Hokkaido Eastern Iburi earthquake from the fee for this entrance examination.

Applicants who wish to apply for an exemption should contact the Admission Division before entering their applicant information via the online application site.

Please check the University of Yamanashi website (https://www.yamanashi.ac.jp/examination_list) for details regarding exemption application documents, etc.

(5) Inquiries Related to Online Applications

Admission Division, Academic Affairs Support Department, University of Yamanashi

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

E-mail: web-nyushi-tr@yamanashi.ac.jp

5. Application Documents

- The application documents include documents to be prepared by the applicant and documents to be printed from the online application site.
- Please attach the Japanese translation to the certificates written by a foreign language besides English.

NO	Application document	Description
1	Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university	<ul style="list-style-type: none"> • Submit a certificate prepared by the President of the university from which you received your degree. • If you apply under the conditions specified in item (2) of the application requirements, present a certificate of the awarded degree, a certificate of acceptance of application for an awarded degree presented by the National Institution for Academic Degrees and University Evaluation, or a certificate of expected application for an awarded degree prepared by the President of your school.
2	Academic transcript	Submit a certificate prepared by the President of the university from which you received your degree.
3	Personal Resume	Please submit the “Personal Resume” after printing the form from the application documents print page.
4	Letter of Recommendation	Present the sealed “Letter of Recommendation (Form 1※)” written by your academic advisor at your university.

5	Statement of Purpose	Please make “Statement of Purpose (Form 2 [※])” on a computer and submit it.
6	Research Project Plan	Please make “Research Project Plan (Form 3 [※])” on a computer and submit it.
7	TOEIC, TOEFL or IELTS Test Score	Submit either of the following documents. The test score is acceptable only if the test was taken after June 2017. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination. <ul style="list-style-type: none"> • TOEIC Listening & Reading Official Score Report • TOEIC Listening & Reading IP Score Report • TOEFL-iBT Examinee Score Report • TOEFL-PBT Score Report • TOEFL-ITP Score Report • INTERNATIONAL ENGLISH LANGUAGE TEST SYSTEM (IELTS) Test Report Form (only Academic module)
8	Postage Stamp Sticking Paper (for sending examination admission slip)	Affix a 362-yen stamp to the “Postage Stamp Sticking Paper” after printing it from the application documents print page. *A 362-yen stamp is not necessary for the person who applies from foreign countries.
9	Resident Record *Non-Japanese students only	<ul style="list-style-type: none"> • Applicants holding nationality in a foreign country, and who also register their residency in a municipality of Japan, are required to submit a Resident Record (Status of residence and Period of stay listed in the Resident Record) delivered by the local government office where they reside. • Those who have not registered their residency in a municipality of Japan must submit a copy of their passport. (If you are already in Japan, please submit a copy of the page which shows the date of entry in addition to your ID page.)
10	Other	If you have changed your surname and it appears differently from what is listed on other certificates and documents, please also submit an extract of your family registry.

※ Form 1, Form 2 and Form 3 can be downloaded from the following URL before the start of the application period.
Admissions > Graduate School Entrance Examination > Applicant Requirements
<https://www.yamanashi.ac.jp/admission/45>

6. Application Period

(1) Application Period

June 17 (Monday) – June 24 (Monday), 2019 5:00pm (must arrive by the deadline)

Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee” and “Print, complete, and post the application documents” before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(2) Method for Submitting the Application Documents

Please print out the “Application Documents Checklist” from the application documents print page on “My Page” on the online the application site and check that all documents are present before submitting the application. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

① For residents in Japan

Please print the “Envelope Address Label” from the application documents print page and stick it on your own Rectangular #2-sized envelope (24 cm × 33.2 cm).

If sending your application documents by post, please be sure to send them by registered express mail.

If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL.

Please print the “Envelope Address Label” from the application documents print page, and send it with other application documents.

- (3) Address for Submitting the Application Documents and Reference for the Overall Application Process
 Admission Division, Academic Affairs Support Department, University of Yamanashi
 4-4-37, Takeda, Kofu, 400-8510 Japan
 Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

【Notes Regarding Applications】

- 1. Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.**
2. Please be careful when preparing your application since incomplete documents will not be accepted.
3. Misrepresentation of any information submitted in the application procedure may result in rejection of the application even after the applicant has entered the university.
4. Once the application has been received, they cannot be returned under any circumstances.
5. Once the online applicant registration has been completed, changes to the application content will not be permitted under any circumstances.

7. Selection Method

Successful applicants will be chosen based on an overall assessment including the results of their oral examination and the examination of their application documents.

(1) Oral examination

Make a presentation based on the statement of purpose and research project plan.

Interview regarding the presentation, and some relevant basic academic skills and specialized knowledge.

Applicants should use presentation software (such as MS PowerPoint) for the oral presentation and bring their own PC.

[Advanced Material Science Course]

All applicants are required to make presentation using a slide-presentation software such as MS PowerPoint or its alternative software. It is also required to bring their own laptop computer equipped with an analog RGB D-sub 15-Pin port. Please bring backup files saved on USB storage devices too. We will interview the issue related to the applicant's presentation and it will include physical and/or chemical fundamental issues.

[Oral examination duration]

Course	Presentation	Interview
Mechanical Engineering Course	10 minutes	5 minutes
Electrical and Electronic Engineering Course	10 minutes	10 minutes
Computer Science and Engineering Course	10 minutes	15 minutes
Mechatronics Course	10 minutes	15 minutes
Applied Chemistry Course	5 minutes	7 minutes
Advanced Material Science Course	5 minutes	10 minutes

Notes:

- ① For the Mechanical Engineering Course, Electrical and Electronic Engineering Course, and Mechatronics Course, the oral examination may be shortened depending on examination of application documents.
- ② For the Computer Science and Engineering Course, preliminary interviews for those who wish to apply for this course from overseas may be conducted.
 Oral examination may be exempted for the applicants who had a preliminary interview overseas and submitted a letter of recommendation from the director (or equivalents) of the universities or institutions. The place, date, time and application documents for the preliminary interview will be advised at the time of prearrangement and discussion with your preferred supervisor.

(2) Examination of application documents

[Allocation of Marks]

Course	Oral Examination	Application Documents	Total
Mechanical Engineering Course	100	Accepted / Rejected*	100
Electrical and Electronic Engineering Course	Accepted / Rejected	Accepted / Rejected*	
Computer Science and Engineering Course	Accepted / Rejected	Accepted / Rejected*	
Advanced Material Science Course	100	Accepted / Rejected*	100

*Including TOEIC, TOEFL or IELTS Test Score.

Course	Oral Examination	Application Documents	TOEIC, TOEFL or IELTS	Total
Mechatronics Course	100	Accepted / Rejected	50	150
Applied Chemistry Course	50	(Academic Transcript) 50	Accepted / Rejected*	100

* TOEIC, TOEFL or IELTS Test Score is judged as Accepted/Rejected.

8. Date, Time, and Location of the Examination

Please arrive **20 minutes prior to the examination**.

If applicants arrive at the location of the examination within 30 minutes after the scheduled start time, they will be permitted to take the examination.

(1) Date and time

Date: July 6 (Saturday), 2019

Course	Time	Type of examination
Mechanical Engineering Course	Starting at 1:30 pm	Oral examination
Electrical and Electronic Engineering Course	Starting at 9:30 am	Oral examination
Computer Science and Engineering Course	Starting at 9:30 am	Oral examination
Mechatronics Course	Starting at 9:30 am	Oral examination
Applied Chemistry Course	Starting at 9:30 am	Oral examination
Advanced Material Science Course	Starting at 9:30 am	Oral examination

(2) Location

Course	Location
Mechanical Engineering Course	Entrance of Building A-1 (Kofu East Campus)
Electrical and Electronic Engineering Course	Lounge, third floor of Building T-1 (Kofu East Campus)
Computer Science and Engineering Course	Entrance of Building A-2 (Kofu East Campus)
Mechatronics Course	
Applied Chemistry Course	Entrance of Integrated Research Building (Kofu West Campus)
Advanced Material Science Course	Room T1-21, second floor of Building T-1 (Kofu East Campus)

General Selection Application Guideline

1. Number of Students to be Admitted

Course or Program	Number of Students to be Admitted
Mechanical Engineering Course	5
Electrical and Electronic Engineering Course	8
Computer Science and Engineering Course	7
Mechatronics Course	8
Civil and Environmental Engineering Course	15
Applied Chemistry Course	12
Advanced Material Science Course	8
Special Educational Program on River Basin Environmental Sciences	10
Special Educational Program for Green Energy Conversion Science and Technology	5
Total	78

2. Application Requirements

Applicants must meet at least one of the following requirements:

- (1) Persons who have graduated or are expected to graduate from a university or college as designated by Article 83 of the School Education Law of Japan (Law #26, 1947) by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 4 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2020 (or September 2019 for candidates desiring enrollment in October 2019) and be awarded a Bachelor's degree according to the law by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).
- (4) Persons who have taken a correspondence course from an overseas educational institution while in Japan, and completed a 16-year school education program.
- (5) Persons who have completed a course or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019) at an educational institution abroad (a graduate of which must have completed a 16-year course in the school education system), which is assessed in Japan to have university courses in that education system, and is specifically designated by the Minister of Education, Culture, Sports, Science and Technology.
- (6) Persons who have completed a 3-year program or a program of more than 3 years (The program shall include a correspondence course which enables students to study in Japan by a university or school which is approved by the educational system of the country and satisfy the above requirements.) and have been awarded a degree by an overseas university or school (The university or the school shall be evaluated by an organization approved by a relevant official institution in the country for their education and research activities or recognized as so by the Minister of Education, Culture, Sports, Science and Technology.) which is recognized as being equivalent to a bachelor's degree.
- (7) Persons who are recognized by the Minister of Education, Culture, Sports, Science and Technology as having academic ability equal to or higher than persons who are graduates of a university or college.
- (8) Persons who have completed specialized courses specifically designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school, whose minimum period required for graduation is 4 years or longer and which also satisfies other conditions specified by the Minister of Education, Culture, Sports, Science and Technology, on or after the date designated by the Minister of Education, Culture, Sports, Science and Technology, or are expected to do so by March 2020 (or September 2019 for candidates desiring enrollment in October 2019).

- (9) Persons who have spent 3 years or more at a university, or who have completed a 15-year school education program abroad, and who are recognized by our graduate school as having obtained the designated credits with excellent results.
- (10) Persons who are recognized by individual examination of entrance requirements by our graduate school as having equal to or higher academic ability than persons who are graduates of a university or college and will be at least 22 years of age at the time of enrollment.

Note:

An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (9) or (10) and foreign applicants (overseas students). Please contact the Admission Division by May 13 (Monday).

3. Preparation before the Application Period (if applicable)**(1) Examination of application requirements for overseas students**

An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please send Required documents for the approval of application requirements to the Admission Division.

Applicants who apply under the conditions outlined in item (1) of the application requirements listed above will be exempted from the examination of application requirements (no distinction made between government-financed, government-dispatched, and private students).

In some cases, research students (government-financed, government-dispatched, and private) and applicants who received an examination of application requirements until and including last year are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81(0)55-220-8738).)

Applicants will be informed of the results of the examination by May 31 (Friday), 2019. If the results of the examination is passed, please be sure to do an application procedure in the application period.

【Required documents】

- ① Examination Form for the Approval of Application Requirement (Form 4)
- ② Certificate of (Prospective) Graduation and Academic Transcript (prepared by graduating university)
- ③ Statement of Purpose(Form 2)
- ④ Research Project Plan(Form 3)
- ⑤ TOEIC, TOEFL or IELTS Test Score (refer to page 15)
- ⑥ Copy of Passport or Resident Record (refer to page 15)

※Those who apply for the Courses of Mechanical Engineering Course do not need to submit [Statement of Purpose(Form 2)] and [Research Project Plan(Form 3)].

※Those who apply for the Special Educational program for Green Energy Conversion Science and Technology do not need to submit [TOEIC, TOEFL or IELTS Test Score].

【Application Period】

May 13 (Monday) – May 17 (Friday), 2019 5:00 pm (must arrive in the application period)

① For residents in Japan

If sending your application documents by post, please be sure to send them by registered express mail. Please consider postal conditions and ensure that the documents arrive at the university within the application period. If you want to deliver your application documents in person, please submit them to the Admission Division, AcademicAffairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

(2) Special measures for entrance examination

If you need special consideration in the entrance exam or in the course study, for such as physical disability, please consult us by May 13 (Monday), 2019.

Mailing address / Inquiries:

Admission Division, Academic Affairs Support Department, University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi, 400-8510 Japan
Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

4. Application Procedure

(1) Preparation (Please prepare the following ①–⑥)

- ① Applicants should prepare a computer or a smartphone or a tablet connected to the Internet
- ② A printer for printing the application documents
- ③ An E-mail address for registering as a user
- ④ An image file containing a photograph of the applicant's face
- ⑤ A 362-yen stamp for posting the application documents (for sending examination admission slip)
*Unnecessary for the person who applies from foreign countries.
- ⑥ Rectangular #2-sized envelope (24 cm × 33.2 cm)
*Unnecessary for the person who applies from foreign countries.

(2) Application Method

- ① Register the application information using the online application site
↓
- ② Pay the entrance examination fee
↓
- ③ Print, complete, and post the application documents (must arrive by the deadline)

※ Applicants must complete ①–③ above before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(3) Online Application Site

<https://syutugan.yamanashi.ac.jp>

The online application site can be accessed using the above URL. Please follow the guidelines on the screen to register the applicant's personal and application information, etc.

(4) Payment of the Examination Fee

Examination fee JPY30,000

1. Please select the payment method from the examination fee payment screen and complete the payment procedure.
The following payment methods are accepted. The payment method of the one to apply from the foreign countries is only a credit card. Depending on the method of payment, it may take about two hours for your payment to be confirmed.
①Convenience store, ②ATM of a financial institution (Pay-easy), ③Internet banking, ④Credit card
2. For all payment methods, transfer fee will be charged separately.
3. Once the examination fee has been paid, it will not be refunded for any reason.

【Exemption from the Entrance Examination Fee】

The University of Yamanashi takes measures to exempt applicants affected by the 2011 Tohoku earthquake and tsunami, the Kumamoto earthquakes, Heavy rain in July of 2018 and the 2018 Hokkaido Eastern Iburi earthquake from the fee for this entrance examination.

Applicants who wish to apply for an exemption should contact the Admission Division before entering their applicant information via the online application site.

Please check the University of Yamanashi website (https://www.yamanashi.ac.jp/examination_list) for details regarding exemption application documents, etc.

(5) Inquiries Related to Online Applications

Admission Division, Academic Affairs Support Department, University of Yamanashi

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

E-mail: web-nyushi-tr@yamanashi.ac.jp

5. Application Documents

- The application documents include documents to be prepared by the applicant and documents to be printed from the online application site.
- Please attach the Japanese translation to the certificates written by a foreign language besides English.

NO	Application document	Description
1	Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university	<ul style="list-style-type: none"> • Submit a certificate prepared by the President of the university from which you received your degree. • If you apply under the conditions specified in item (2) or (6) of the application requirements, present a certificate of the awarded degree, a certificate of acceptance of application for an awarded degree presented by the National Institution for Academic Degrees and University Evaluation, or a certificate of expected application for an awarded degree prepared by the President of your school.
2	Academic transcript	Submit a certificate prepared by the President of the university from which you received your degree.
3	Personal Resume	Please submit the “Personal Resume” after printing the form from the application documents print page.
4	Statement of Purpose	Those who apply for the Courses of Electrical and Electronic Engineering, Computer Science and Engineering, Mechatronics, Civil and Environmental Engineering, Applied Chemistry, Advanced Material Science, Special Educational Program on River Basin Environmental Sciences, and Special Educational Program for Green Energy Conversion Science and Technology must make “Statement of Purpose (Form 2*)” on a computer and submit it.
5	Research Project Plan	Those who apply for the Courses of Electrical and Electronic Engineering, Computer Science and Engineering, Mechatronics, Civil and Environmental Engineering, Applied Chemistry, Advanced Material Science, Special Educational Program on River Basin Environmental Sciences, and Special Educational Program for Green Energy Conversion Science and Technology must make “Research Project Plan (Form 3*)” on a computer and submit it.
6	TOEIC, TOEFL or IELTS Test Score	<p>Submit either of the following documents. The test score is acceptable only if the test was taken after June 2017.</p> <p>If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination.</p> <p>(Except Special Educational program for Green Energy Conversion Science and Technology)</p> <ul style="list-style-type: none"> • TOEIC Listening & Reading Official Score Report • TOEIC Listening & Reading IP Score Report • TOEFL-iBT Examinee Score Report • TOEFL-PBT Score Report • TOEFL-ITP Score Report • INTERNATIONAL ENGLISH LANGUAGE TEST SYSTEM (IELTS) Test Report Form (only Academic module)
7	Postage Stamp Sticking Paper (for sending examination admission slip)	<p>Affix a 362-yen stamp to the “Postage Stamp Sticking Paper” after printing it from the application documents print page.</p> <p>*A 362-yen stamp is not necessary for the person who applies from foreign countries.</p>
8	Resident Record *Non-Japanese students only	<ul style="list-style-type: none"> • Applicants holding nationality in a foreign country, and who also register their residency in a municipality of Japan, are required to submit a Resident Record (Status of residence and Period of stay listed in the Resident Record) delivered by the local government office where they reside. • Those who have not registered their residency in a municipality of Japan must submit a copy of their passport. (If you are already in Japan, please submit a copy of the page which shows the date of entry in addition to your ID page.)

9	Other	If you have changed your surname and it appears differently from what is listed on other certificates and documents, please also submit an extract of your family registry.
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- ※ Form 2 and Form 3 can be downloaded from the following URL before the start of the application period.
 Admissions > Graduate School Entrance Examination > Applicant Requirements
<https://www.yamanashi.ac.jp/admission/45>

6. Application Period

(1) Application Period

June 17 (Monday) – June 24 (Monday), 2019 5:00pm (must arrive by the deadline)

Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee” and “Print, complete, and post the application documents” before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(2) Method for Submitting the Application Documents

Please print out the “Application Documents Checklist” from the application documents print page on “My Page” on the online the application site and check that all documents are present before submitting the application. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

① For residents in Japan

Please print the “Envelope Address Label” from the application documents print page and stick it on your own Rectangular #2-sized envelope (24 cm × 33.2 cm).

If sending your application documents by post, please be sure to send them by registered express mail.

If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL.

Please print the “Envelope Address Label” from the application documents print page, and send it with other application documents.

(3) Address for Submitting the Application Documents and Reference for the Overall Application Process

Admission Division, Academic Affairs Support Department, University of Yamanashi

4-4-37, Takeda, Kofu, 400-8510 Japan

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

【Notes Regarding Applications】

- 1. Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.**
2. Please be careful when preparing your application since incomplete documents will not be accepted.
3. Misrepresentation of any information submitted in the application procedure may result in rejection of the application even after the applicant has entered the university.
4. Once the application has been received, they cannot be returned under any circumstances.
5. Once the online applicant registration has been completed, changes to the application content will not be permitted under any circumstances.

7. Selection Method

- (1) After the application documents are received, no changes to the desired course or program or to the selection of subjects will be permitted.
- (2) Dictionaries or reference books are not permitted.
- (3) For information on allocation of marks, refer to page 20.

[Mechanical Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of written examinations, an oral examination, and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Written examination (foreign language)

English in the field of mechanical engineering.

For foreign applicants (overseas students), Japanese or English will appear on the test.

(3) Oral examination (10 minutes)

Interview regarding mechanical engineering, etc.

(4) Examination of application documents

[Electrical and Electronic Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of a written examination, an oral examination and examination of their application documents.

(1) Written examination (specialized subjects)

Electric Circuits, Electronic Circuits and Electromagnetics

(2) Oral examination (presentation: 10 minutes; interview: 10 minutes)

10-minute presentation regarding the applicant's reason for applying and research project plan.

Interview regarding the presentation, and some relevant basic academic skills and specialized knowledge.

Applicants should prepare an MS PowerPoint file for the oral presentation and bring their own PC.

(3) Examination of application documents

[Computer Science and Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of a written examination, an oral examination, and examination of their application documents. Applicants may be exempted from the oral examination, depending on examination of their application documents (exemption will be announced in advance).

(1) Written examination (specialized subjects)

Compulsory subjects: Algorithms and Data Structures, Programming.

Elective subjects: Choose three from Discrete Mathematics, Computer Architecture and Operating Systems, Databases, Computer Networks, Software Engineering.

(2) Oral examination (presentation: 10 minutes; interview: 15 minutes)

Interview regarding the application's presentation on their statement of purpose and research project plan, which should be described logically from an engineering viewpoint.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(3) Examination of application documents

[Mechatronics Course]

Successful applicants will be chosen based on the total assessment of the results of a written examination, an oral examination, and the examination of their application documents. The applicants may be shortened from the oral examination, depending on the examination of application documents.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Written examination (specialized subjects)

Choose two from the following: Mechanics of Materials, Mechanical Dynamics, Programming, Digital Circuits, and Control Engineering.

(Important Notes) Applicants are not permitted to use any scale, compass, and calculator. Only pencils (including mechanical pencil) and eraser can be used.

(3) Oral examination (interview: 15 minutes)

Interview regarding the applicant's purpose and research plans, and some related matters.

(4) An examination of application documents

[Civil and Environmental Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan.

Interview regarding the presentation and specialized knowledge.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents

[Applied Chemistry Course]

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 5 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan.

Interview regarding the presentation and specialized knowledge.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents

[Advanced Material Science Course]

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

All applicants are required to make presentation using a slide-presentation software such as MS PowerPoint or its alternative software. It is also required to bring their own laptop computer equipped with an analog RGB D-sub 15-Pin port. Please bring backup files saved on USB storage devices too.

The presentation must include the issues mentioned below: (1) The reason why you chose this graduate school and this course. (2) Future research plan. (Both 1 and 2 must be included.)

We will interview the issue related to the applicant's presentation and it will include physical and/or chemical fundamental issues.

(2) Examination of application documents

[Special Educational Program on River Basin Environmental Sciences]

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

We may conduct preliminary interviews for those who wish to apply from overseas. The oral examination may be exempted for applicants who had a preliminary interview overseas and submitted a letter of recommendation from the director (or equivalents) of the universities or institutions. The place, date and time for a preliminary interview will be advised at the time of prearrangement and discussion with your preferred master's course supervisor.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan.

Interview regarding the presentation and specialized knowledge.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents**[Special Educational Program for Green Energy Conversion Science and Technology]**

Successful applicants will be chosen based on an overall assessment of the results of written examinations (fundamental and specialized subjects and foreign language), an oral examination (interview regarding the research project plan, conducted in either English or Japanese), and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (fundamental and specialized subjects)

Choose one from subject groups I – III (indicate choice when applying).

Subject group I: Chemistry A, Chemistry B

Subject group II: Physics, Materials Science for Mechanics

Subject group III: Physics, Electromagnetics/Electronic Properties

Bring a scientific calculator.

Contents of examination:

1. Chemistry A: Thermodynamics, Phase Equilibria, Chemical Kinetics, Electronic Structure of Atoms and Molecules, etc.
2. Chemistry B: Spectroscopy and Diffraction, Crystal Structure, Electronic Structure and Properties of Inorganic Materials, etc.
3. Physics: Force and Motion (including Basic Differential Equations)
4. Materials Science for Mechanics: Crystal Structure and Defects, Phase Diagrams and Structure, Deformation and Processing of Materials, etc.
5. Electromagnetics/Electronic Properties: Static Electric and Magnetic Fields, Electromagnetic Induction, Energy Bands, Motion of Carriers, etc.

(2) Written examination (foreign language)

English in the specialized field.

For foreign applicants (overseas students), Japanese or English will appear on the test.

(3) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation based on the applicant's statement of purpose and research project plan.

Interview regarding the presentation.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(4) Examination of application documents

[Allocation of Marks]

Course or Program	Written Examination		Oral Examination	Application Documents	Total
Mechanical Engineering Course	(Mathematics) 100	(Foreign Language) 100	Accepted / Rejected	(Academic Transcript) Accepted / Rejected*	200
Electrical and Electronic Engineering Course	(Specialized Subjects) 300		Accepted / Rejected	(Academic Transcript) Accepted / Rejected*	300
Special Educational Program for Green Energy Conversion Science and Technology	(Fundamental and Specialized subjects) 200	(Foreign Language) 100	100	(Academic Transcript) Accepted / Rejected	400

*Including TOEIC, TOEFL or IELTS Test Score.

Course	Oral Examination	Application Documents	Total
Applied Chemistry Course	100	Accepted / Rejected*	100
Advanced Material Science Course	100	Accepted / Rejected*	100

*Including TOEIC, TOEFL or IELTS Test Score.

Course or Program	Written Examination		Oral Examination	Application Documents	TOEIC, TOEFL or IELTS	Total
Computer Science and Engineering Course	(Compulsory Subjects) 140	(Elective Subjects) 210	Accepted/ Rejected	(Academic Transcript) Accepted / Rejected	100	450
Mechatronics Course	(Mathematics) 100	(Specialized Subjects) 100※	Accepted/ Rejected	(Academic Transcript) Accepted / Rejected	50	250
Civil and Environmental Engineering Course			60	30	10	100
Special Educational Program on River Basin Environmental Sciences			60	30	10	100

※50 points for each (The total is 100 points.)

8. Date, Time, and Location of the Examination

Please arrive **20 minutes prior to the examination**.

If applicants arrive at the location of the examination within 30 minutes after the scheduled start time, they will be permitted to take the examination.

(1) Date and time

Date: July 6 (Saturday), 2019

Course or Program	Time	Type of examination
Mechanical Engineering Course	9:30 am to 11:00 am	Written examination (mathematics and foreign language)
	Starting at 11:40 am	Oral examination
Electrical and Electronic Engineering Course	9:30 am to 11:30 am	Written examination (specialized subjects)
	Starting at 1:30 pm	Oral examination
Computer Science and Engineering Course	9:30 am to 12:00 pm	Written examination (specialized subjects)
	Starting at 1:30 pm	Oral examination
Mechatronics Course	9:30 am to 11:30 am	Written examination (mathematics and specialized subjects)
	Starting at 1:30 pm	Oral examination
Civil and Environmental Engineering Course	Starting at 9:30 am	Oral examination
Applied Chemistry Course	Starting at 9:30 am	Oral examination
Advanced Material Science Course	Starting at 9:30 am	Oral examination
Special Educational Program on River Basin Environmental Sciences	Starting at 9:30 am	Oral examination
Special Educational Program for Green Energy Conversion Science and Technology	9:30 am to 11:30 am	Written examination (fundamental and specialized subjects)
	11:40 am to 12:30 pm	Written examination (foreign language)
	Starting at 1:30 pm	Oral examination

(2) Examination location

Course or Program	Location
Mechanical Engineering Course	Room A1-11, first floor of Building A-1 (Kofu East Campus)
Electrical and Electronic Engineering Course	Lounge, third floor of Building T-1 (Kofu East Campus)
Computer Science and Engineering Course	Room A2-12, first floor of Building A-2 (Kofu East Campus)
Mechatronics Course	Room A2-11, first floor of Building A-2 (Kofu East Campus)
Civil and Environmental Engineering Course	Civil and Environmental Engineering Course Room T-69, second floor of Building B-3 (Kofu East Campus)
Applied Chemistry Course	Integrated Research Building (Kofu West Campus) *Come to the entrance of the Integrated Research Building
Advanced Material Science Course	Room T1-22, second floor of Building T-1 (Kofu East Campus)
Special Educational Program on River Basin Environmental Sciences	Room B1-336 *Come to Room B1-333, third floor of Building B-1 (Kofu East Campus)
Special Educational Program for Green Energy Conversion Science and Technology	Room B2-11, Building B-2 (Kofu-East Campus)

9. Other

Previous years' examination questions are published on our website's home page (<https://www.yamanashi.ac.jp/en/>).

General Information

1. Announcement of Successful Applicants

Announcement of successful applicants will be made on the bulletin board at the front entrance of Building A-2 around 5:00 pm on July 19 (Friday), 2019. A letter of acceptance will also be sent to successful applicants.

Information regarding results will not be given out over the telephone.

The examinee numbers of successful applicants will additionally be published on our website's home page (<https://www.yamanashi.ac.jp/en/>).

2. Enrollment Period

Applicants applying in this examination may select a period of enrollment. When applying, select either the October 2019 (Second Semester) or April 2020 (First Semester) enrollment period. Note that changes cannot be made to your selection once the application has been received by our office.

If you have any questions about enrollment in October 2019 (Second Semester), please contact the Admission Division.

3. Entrance Procedures

(1) Scheduled enrollment period

Enrollment Period	Enrollment Applications
October 2019 Enrollment	September 13 (Friday), 2019
April 2020 Enrollment	March 9 (Monday) – March 15 (Sunday), 2020

Notes:

If you fail to complete entrance procedures by the designated date, you will be assumed to have decided against entering our university, and your enrollment will be cancelled.

Your examination admission slip must be presented at the time of entrance procedures. Please keep your examination admission slip after the examination.

(2) Payment for enrollment

The enrollment fee is JPY282,000 (tentative).

The enrollment fee stated above may be revised at the time of enrollment. Received enrollment fees will not be returned under any circumstances.

(3) Applicants will be notified separately of the documents necessary for entrance procedures.

4. Tuition

Tuition for the Second period for those students enrolling in October 2019 is JPY267,900.

Tuition for the First period for those students enrolling in April 2020 is JPY267,900 (totaling JPY535,800 per year).

- Tuition fees listed are tentative. If revisions to this fee are made at the time of enrollment or during classes, the new fee will be applicable after it is set.
- Tuition is typically withdrawn automatically from the student's account. Information will be made available later with regard to procedures.

5. Other Expenditures

Student Research Accident Insurance expenditures are required.

6. Extended Credit System

The Division of Engineering master's program offers an extended credit system.

This system enables students whose hours of study are restricted by employment to obtain credits for a planned educational program over a fixed period (maximum of 4 years), exceeding the standard training year limit (2years) to complete the program. Because the units required for credit are the same as those required by the 2-year program, the yearly course load required is dramatically reduced.

For details on this system and the procedures, contact the Office for the Faculty of Engineering Education Group (Graduate School) by about one month before of the due date of application of this system below:

Phone: 055-220-8730 (from abroad, +81(0)55-220-8730).

【Due Date of Application of this System】

- (1) Enrollment in April (First Semester): Last day of February
- (2) Enrollment in October (Second Semester): Last day of August

7. Others

- (1) Personal information other than your name, and address obtained your application will be used in ①Selecting enrollees (application process, selection); ②Announcement of successful applicants; ③Enrollment; and ④Statistical investigations. Testing records used in the selection of enrollees will be used to create study materials for methods of selecting enrollees in the future.

Note that personal information of enrollees obtained in applications will be used in ①Educational activities (registration, student guidance etc.); ②Student support (health management, employment support, exemption from tuition・application for student loans); and ③collecting tuition.

- (2) Applicants wishing to obtain a scholarship should contact the Academic Affairs Support Department, Office of Student Support (Phone: 055-220-8053 (from abroad, +81(0)55-220-8053)), for information after announcement of successful applicants.

Second Call for Applications

(April 2020 and October 2020 Enrollment)

Special Selection Application Guideline for Preferred Applicants

The development and growth of science technology are significant these days, and social demand calls for creation of new interdisciplinary research fields transcending the existing academic framework.

From this perspective, in our Master's program (Department of Engineering), we aim to offer distinctive education and research, and, by way of an oral examination and examination of application documents, we encourage special selection of those who actively undertake academic study and research in their specialized field or beyond.

1. Number of Students to be Admitted

Course	Number of Students to be Admitted
Computer Science and Engineering Course	A Few

2. Application Requirements

Applicants who meet at least one of the following requirements, have obtained commendable results in their university or college, have been recommended by their academic advisor, and can assure entrance after the announcement of successful applicants.

- (1) Persons who have graduated or are expected to graduate from a university or college as designated by Article 83 of the School Education Law of Japan (Law #26, 1947) by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 4 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2020 (or September 2020 for candidates desiring enrollment in October 2020) and be awarded a Bachelor's degree according to the law by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (4) Persons who have completed a course or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020) at an educational institution abroad (a graduate of which must have completed a 16-year course in the school education system), which is assessed in Japan to have university courses in that education system, and is specifically designated by the Minister of Education, Culture, Sports, Science and Technology.
- (5) Persons who are recognized by the Minister of Education, Culture, Sports, Science and Technology as having academic ability equal to or higher than persons who are graduates of a university or college.
- (6) Persons who have completed specialized courses specifically designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school, whose minimum period required for graduation is 4 years or longer and which also satisfies other conditions specified by the Minister of Education, Culture, Sports, Science and Technology, on or after the date designated by the Minister of Education, Culture, Sports, Science and Technology, or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (7) Persons who have spent 3 years or more at a university, or who have completed a 15-year school education program abroad, and who are recognized by our graduate school as having obtained the designated credits with excellent results.

Note: An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (7) and foreign applicants (overseas students). Please contact the Admission Division by October 15 (Tuesday).

3. Preparation before the Application Period (if applicable)

(1) Examination of application requirements for overseas students

An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please send Required documents for the approval of application requirements to the Admission Division.

Applicants who apply under the conditions outlined in item (1) of the application requirements listed above will be exempted from the examination of application requirements (no distinction made between government-financed, government-dispatched, and private students).

In some cases, research students (government-financed, government-dispatched, and private) and applicants who received an examination of application requirements until and including First Call for Applications (October 2019 and April 2020 enrollment) are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81(0)55-220-8738).)

Applicants will be informed of the results of the examination by November 1 (Friday), 2019. If the results of the examination is passed, please be sure to do an application procedure in the application period.

【Required documents】

- ① Examination Form for the Approval of Application Requirements (Form 4)
- ② Certificate of (Prospective) Graduation and Academic Transcript (prepared by graduating university)
- ③ Letter of Recommendation (Form 1)
- ④ Statement of Purpose (Form 2)
- ⑤ Research Project Plan (Form 3)
- ⑥ TOEIC, TOEFL or IELTS Test Score (refer to page 27)
- ⑦ Copy of Passport or Resident Record (refer to page 28)

【Application Period】

October 15 (Tuesday) – October 21 (Monday), 2019 5:00 pm (must arrive in the application period)

- ① For residents in Japan
If sending your application documents by post, please be sure to send them by registered express mail. Please consider postal conditions and ensure that the documents arrive at the university within the application period. If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).
- ② For residents overseas
Please send your application documents by EMS or DHL. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

(2) Special measures for entrance examination

If you need special consideration in the entrance exam or in the course study, for such as physical disability, please consult us by October 15 (Tuesday), 2019.

Mailing address / Inquiries:

Admission Division, Academic Affairs Support Department, University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi, 400-8510 Japan
Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

4. Application Procedure

- (1) Preparation (Please prepare the following ①–⑥)
 - ① Applicants should prepare a computer or a smartphone or a tablet connected to the Internet
 - ② A printer for printing the application documents
 - ③ An E-mail address for registering as a user
 - ④ An image file containing a photograph of the applicant's face
 - ⑤ A 362-yen stamp for posting the application documents (for sending examination admission slip)
*Unnecessary for the person who applies from foreign countries.
 - ⑥ Rectangular #2-sized envelope (24 cm × 33.2 cm)
*Unnecessary for the person who applies from foreign countries
- (2) Application Method
 - ① Register the application information using the online application site
↓
 - ② Pay the entrance examination fee
↓
 - ③ Print, complete, and post the application documents (must arrive by the deadline)

※ Applicants must complete ①–③ above before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.
- (3) Online Application Site
<https://syutugan.yamanashi.ac.jp>
The online application site can be accessed using the above URL. Please follow the guidelines on the screen to register the applicant's personal and application information, etc.

(4) Payment of the Examination Fee

Examination fee JPY30,000

1. Please select the payment method from the examination fee payment screen and complete the payment procedure.
The following payment methods are accepted. The payment method of the one to apply from the foreign countries is only a credit card. Depending on the method of payment, it may take about two hours for your payment to be confirmed.
①Convenience store, ②ATM of a financial institution (Pay-easy), ③Internet banking, ④Credit card
2. For all payment methods, transfer fee will be charged separately.
3. Once the examination fee has been paid, it will not be refunded for any reason.

【Exemption from the Entrance Examination Fee】

The University of Yamanashi takes measures to exempt applicants affected by the 2011 Tohoku earthquake and tsunami, the Kumamoto earthquakes, Heavy rain in July of 2018 and the 2018 Hokkaido Eastern Iburi earthquake from the fee for this entrance examination.

Applicants who wish to apply for an exemption should contact the Admission Division before entering their applicant information via the online application site.

Please check the University of Yamanashi website (https://www.yamanashi.ac.jp/examination_list) for details regarding exemption application documents, etc.

(5) Inquiries Related to Online Applications

Admission Division, Academic Affairs Support Department, University of Yamanashi

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

E-mail: web-nyushi-tr@yamanashi.ac.jp

5. Application Documents

- The application documents include documents to be prepared by the applicant and documents to be printed from the online application site.
- Please attach the Japanese translation to the certificates written by a foreign language besides English.

NO	Application document	Description
1	Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university	<ul style="list-style-type: none"> • Submit a certificate prepared by the President of the university from which you received your degree. • If you apply under the conditions specified in item (2) of the application requirements, present a certificate of the awarded degree, a certificate of acceptance of application for an awarded degree presented by the National Institution for Academic Degrees and University Evaluation, or a certificate of expected application for an awarded degree prepared by the President of your school.
2	Academic transcript	Submit a certificate prepared by the President of the university from which you received your degree.
3	Personal Resume	Please submit the “Personal Resume” after printing the form from the application documents print page.
4	Letter of Recommendation	Present the sealed “Letter of Recommendation (Form 1 [※])” written by your academic advisor at your university.
5	Statement of Purpose	Please make “Statement of Purpose (Form 2 [※])” on a computer and submit it.
6	Research Project Plan	Please make “Research Project Plan (Form 3 [※])” on a computer and submit it.
7	TOEIC, TOEFL or IELTS Test Score	<p>Submit either of the following documents. The test score is acceptable only if the test was taken after November 2017. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination.</p> <ul style="list-style-type: none"> • TOEIC Listening & Reading Official Score Report • TOEIC Listening & Reading IP Score Report • TOEFL-iBT Examinee Score Report • TOEFL-ITP Score Report • INTERNATIONAL ENGLISH LANGUAGE TEST SYSTEM (IELTS) Test Report Form (only Academic module)

8	Postage Stamp Sticking Paper (for sending examination admission slip)	Affix a 362-yen stamp to the “Postage Stamp Sticking Paper” after printing it from the application documents print page. *A 362-yen stamp is not necessary for the person who applies from foreign countries.
9	Resident Record *Non-Japanese students only	<ul style="list-style-type: none"> • Applicants holding nationality in a foreign country, and who also register their residency in a municipality of Japan, are required to submit a Resident Record (Status of residence and Period of stay listed in the Resident Record) delivered by the local government office where they reside. • Those who have not registered their residency in a municipality of Japan must submit a copy of their passport. (If you are already in Japan, please submit a copy of the page which shows the date of entry in addition to your ID page.)
10	Other	If you have changed your surname and it appears differently from what is listed on other certificates and documents, please also submit an extract of your family registry.

※ Form 1, Form 2 and Form 3 can be downloaded from the following URL before the start of the application period.
Admissions > Graduate School Entrance Examination > Applicant Requirements
<https://www.yamanashi.ac.jp/admission/45>

6. Application Period

(1) Application Period

November 22 (Friday) – November 29 (Friday), 2019 5:00pm (must arrive by the deadline)

Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee” and “Print, complete, and post the application documents” before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(2) Method for Submitting the Application Documents

Please print out the “Application Documents Checklist” from the application documents print page on “My Page” on the online the application site and check that all documents are present before submitting the application. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

① For residents in Japan

Please print the “Envelope Address Label” from the application documents print page and stick it on your own Rectangular #2-sized envelope (24 cm × 33.2 cm).

If sending your application documents by post, please be sure to send them by registered express mail.

If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL.

Please print the “Envelope Address Label” from the application documents print page, and send it with other application documents.

(3) Address for Submitting the Application Documents and Reference for the Overall Application Process

Admission Division, Academic Affairs Support Department, University of Yamanashi

4-4-37, Takeda, Kofu, 400-8510 Japan

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

【Notes Regarding Applications】

1. **Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.**
2. Please be careful when preparing your application since incomplete documents will not be accepted.
3. Misrepresentation of any information submitted in the application procedure may result in rejection of the application even after the applicant has entered the university.
4. Once the application has been received, they cannot be returned under any circumstances.
5. Once the online applicant registration has been completed, changes to the application content will not be permitted under any circumstances.

7. Selection Method

Successful applicants will be chosen based on an overall assessment including the results of their oral examination and the examination of their application documents.

(1) Oral examination

Make a presentation based on the statement of purpose and research project plan.

Interview regarding the presentation, and some relevant basic academic skills and specialized knowledge.

Applicants should use presentation software (such as MS PowerPoint) for the oral presentation and bring their own PC.

[Oral examination duration]

Course	Presentation	Interview
Computer Science and Engineering Course	10 minutes	15 minutes

Notes:

For the Computer Science and Engineering Course, preliminary interviews for those who wish to apply for this course from overseas may be conducted.

Oral examination may be exempted for the applicants who had a preliminary interview overseas and submitted a letter of recommendation from the director (or equivalents) of the universities or institutions. The place, date, time and application documents for the preliminary interview will be advised at the time of prearrangement and discussion with your preferred supervisor.

(2) Examination of application documents

[Allocation of Marks]

Course	Oral Examination	Application Documents
Computer Science and Engineering Course	Accepted / Rejected	Accepted / Rejected*

*Including TOEIC, TOEFL or IELTS Test Score.

8. Date, Time, and Location of the Examination

Please arrive **20 minutes prior to the examination**.

If applicants arrive at the location of the examination within 30 minutes after the scheduled start time, they will be permitted to take the examination.

(1) Date and time

Date: December 14 (Saturday), 2019

Course	Time	Type of examination
Computer Science and Engineering Course	Starting at 9:30 am	Oral examination

(2) Location

Course	Location
Computer Science and Engineering Course	Entrance of Building A-2 (Kofu East Campus)

General Selection Application Guideline

1. Number of Students to be Admitted

Course or Program	Number of Students to be Admitted
Mechanical Engineering Course	A few
Electrical and Electronic Engineering Course	
Computer Science and Engineering Course	
Mechatronics Course	
Civil and Environmental Engineering Course	
Applied Chemistry Course	
Advanced Material Science Course	
Special Educational Program on River Basin Environmental Sciences	
Special Educational Program for Green Energy Conversion Science and Technology	

2. Application Requirements

Applicants must meet at least one of the following requirements:

- (1) Persons who have graduated or are expected to graduate from a university or college as designated by Article 83 of the School Education Law of Japan (Law #26, 1947) by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 4 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2020 (or September 2020 for candidates desiring enrollment in October 2020) and be awarded a Bachelor's degree according to the law by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (4) Persons who have taken a correspondence course from an overseas educational institution while in Japan, and completed a 16-year school education program.
- (5) Persons who have completed a course or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020) at an educational institution abroad (a graduate of which must have completed a 16-year course in the school education system), which is assessed in Japan to have university courses in that education system, and is specifically designated by the Minister of Education, Culture, Sports, Science and Technology.
- (6) Persons who have completed a 3-year program or a program of more than 3 years (The program shall include a correspondence course which enables students to study in Japan by a university or school which is approved by the educational system of the country and satisfy the above requirements.) and have been awarded a degree by an overseas university or school (The university or the school shall be evaluated by an organization approved by a relevant official institution in the country for their education and research activities or recognized as so by the Minister of Education, Culture, Sports, Science and Technology.) which is recognized as being equivalent to a bachelor's degree.
- (7) Persons who are recognized by the Minister of Education, Culture, Sports, Science and Technology as having academic ability equal to or higher than persons who are graduates of a university or college.
- (8) Persons who have completed specialized courses specifically designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school, whose minimum period required for graduation is 4 years or longer and which also satisfies other conditions specified by the Minister of Education, Culture, Sports, Science and Technology, on or after the date designated by the Minister of Education, Culture, Sports, Science and Technology, or are expected to do so by March 2020 (or September 2020 for candidates desiring enrollment in October 2020).
- (9) Persons who have spent 3 years or more at a university, or who have completed a 15-year school education program abroad, and who are recognized by our graduate school as having obtained the designated credits with excellent results.

- (10) Persons who are recognized by individual examination of entrance requirements by our graduate school as having equal to or higher academic ability than persons who are graduates of a university or college and will be at least 22 years of age at the time of enrollment.

Note:

An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (9) or (10) and foreign applicants (overseas students). Please contact the Admission Division by October 15 (Tuesday), 2019.

3. Preparation before the Application Period (if applicable)

(1) Examination of application requirements for overseas students

An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please send Required documents for the approval of application requirements to the Admission Division.

Applicants who apply under the conditions outlined in item (1) of the application requirements listed above will be exempted from the examination of application requirements (no distinction made between government-financed, government-dispatched, and private students).

In some cases, research students (government-financed, government-dispatched, and private) and applicants who received an examination of application requirements until and including First Call for Applications (October 2019 and April 2020 enrollment) are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81(0)55-220-8738).)

Applicants will be informed of the results of the examination by November 1 (Friday), 2019. If the results of the examination is passed, please be sure to do an application procedure in the application period.

【Required documents】

- ① Examination Form for the Approval of Application Requirement (Form 4)
- ② Certificate of (Prospective) Graduation and Academic Transcript (prepared by graduating university)
- ③ Statement of Purpose(Form 2)
- ④ Research Project Plan(Form 3)
- ⑤ TOEIC, TOEFL or IELTS Test Score (refer to page 33)
- ⑥ Copy of Passport or Resident Record (refer to page 33)

※Those who apply for the Courses of Mechanical Engineering Course do not need to submit [Statement of Purpose(Form 2)] and [Research Project Plan(Form 3)].

※Those who apply for the Special Educational program for Green Energy Conversion Science and Technology do not need to submit [TOEIC, TOEFL or IELTS Test Score].

【Application Period】

October 15 (Tuesday) – October 21 (Monday), 2019 5:00 pm (must arrive in the application period)

- ① For residents in Japan

If sending your application documents by post, please be sure to send them by registered express mail. Please consider postal conditions and ensure that the documents arrive at the university within the application period. If you want to deliver your application documents in person, please submit them to the Admission Division, AcademicAffairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

- ② For residents overseas

Please send your application documents by EMS or DHL. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

(2) Special measures for entrance examination

If you need special consideration in the entrance exam or in the course study, for such as physical disability, please consult us by October 15 (Tuesday), 2019.

Mailing address / Inquiries:

Admission Division, Academic Affairs Support Department, University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi, 400-8510 Japan
Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

4. Application Procedure

(1) Preparation (Please prepare the following ①–⑥)

- ① Applicants should prepare a computer or a smartphone or a tablet connected to the Internet
- ② A printer for printing the application documents
- ③ An E-mail address for registering as a user
- ④ An image file containing a photograph of the applicant's face
- ⑤ A 362-yen stamp for posting the application documents (for sending examination admission slip)
*Unnecessary for the person who applies from foreign countries.
- ⑥ Rectangular #2-sized envelope (24 cm × 33.2 cm)
*Unnecessary for the person who applies from foreign countries

(2) Application Method

- ① Register the application information using the online application site
↓
- ② Pay the entrance examination fee
↓
- ③ Print, complete, and post the application documents (must arrive by the deadline)
※Applicants must complete ①–③ above before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(3) Online Application Site

<https://syutugan.yamanashi.ac.jp>

The online application site can be accessed using the above URL. Please follow the guidelines on the screen to register the applicant's personal and application information, etc.

(4) Payment of the Examination Fee

Examination fee JPY30,000

1. Please select the payment method from the examination fee payment screen and complete the payment procedure.
The following payment methods are accepted. The payment method of the one to apply from the foreign countries is only a credit card. Depending on the method of payment, it may take about two hours for your payment to be confirmed.
①Convenience store, ②ATM of a financial institution (Pay-easy), ③Internet banking, ④Credit card
2. For all payment methods, transfer fee will be charged separately.
3. Once the examination fee has been paid, it will not be refunded for any reason.

【Exemption from the Entrance Examination Fee】

The University of Yamanashi takes measures to exempt applicants affected by the 2011 Tohoku earthquake and tsunami, the Kumamoto earthquakes, Heavy rain in July of 2018 and the 2018 Hokkaido Eastern Iburi earthquake from the fee for this entrance examination..

Applicants who wish to apply for an exemption should contact the Admission Division before entering their applicant information via the online application site.

Please check the University of Yamanashi website (https://www.yamanashi.ac.jp/examination_list) for details regarding exemption application documents, etc.

(5) Inquiries Related to Online Applications

Admission Division, Academic Affairs Support Department, University of Yamanashi

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

E-mail: web-nyushi-tr@yamanashi.ac.jp

5. Application Documents

- The application documents include documents to be prepared by the applicant and documents to be printed from the online application site.
- Please attach the Japanese translation to the certificates written by a foreign language besides English.

NO	Application document	Description
1	Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university	<ul style="list-style-type: none"> Submit a certificate prepared by the President of the university from which you received your degree. If you apply under the conditions specified in item (2) or (6) of the application requirements, present a certificate of the awarded degree, a certificate of acceptance of application for an awarded degree presented by the National Institution for Academic Degrees and University Evaluation, or a certificate of expected application for an awarded degree prepared by the President of your school.
2	Academic transcript	Submit a certificate prepared by the President of the university from which you received your degree.
3	Personal Resume	Please submit the “Personal Resume” after printing the form from the application documents print page.
4	Statement of Purpose	Those who apply for the Courses of Electrical and Electronic Engineering, Computer Science and Engineering, Mechatronics, Civil and Environmental Engineering, Applied Chemistry, Advanced Material Science, Special Educational Program on River Basin Environmental Sciences, and Special Educational Program for Green Energy Conversion Science and Technology must make “Statement of Purpose (Form 2*)” on a computer and submit it.
5	Research Project Plan	Those who apply for the Courses of Electrical and Electronic Engineering, Computer Science and Engineering, Mechatronics, Civil and Environmental Engineering, Applied Chemistry, Advanced Material Science, Special Educational Program on River Basin Environmental Sciences, and Special Educational Program for Green Energy Conversion Science and Technology must make “Research Project Plan (Form 3*)” on a computer and submit it.
6	TOEIC, TOEFL or IELTS Test Score	<p>Submit either of the following documents. The test score is acceptable only if the test was taken after November 2017.</p> <p>If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination.</p> <p>(Except Special Educational program for Green Energy Conversion Science and Technology)</p> <ul style="list-style-type: none"> TOEIC Listening & Reading Official Score Report TOEIC Listening & Reading IP Score Report TOEFL-iBT Examinee Score Report TOEFL-ITP Score Report INTERNATIONAL ENGLISH LANGUAGE TEST SYSTEM (IELTS) Test Report Form (only Academic module)
7	Postage Stamp Sticking Paper (for sending examination admission slip)	<p>Affix a 362-yen stamp to the “Postage Stamp Sticking Paper” after printing it from the application documents print page.</p> <p>*A 362-yen stamp is not necessary for the person who applies from foreign countries.</p>
8	Resident Record *Non-Japanese students only	<ul style="list-style-type: none"> Applicants holding nationality in a foreign country, and who also register their residency in a municipality of Japan, are required to submit a Resident Record (Status of residence and Period of stay listed in the Resident Record) delivered by the local government office where they reside. Those who have not registered their residency in a municipality of Japan must submit a copy of their passport. (If you are already in Japan, please submit a copy of the page which shows the date of entry in addition to your ID page.)
9	Other	If you have changed your surname and it appears differently from what is listed on other certificates and documents, please also submit an extract of your family registry.

※ Form 2 and Form 3 can be downloaded from the following URL before the start of the application period.
 Admissions > Graduate School Entrance Examination > Applicant Requirements
<https://www.yamanashi.ac.jp/admission/45>

6. Application Period

(1) Application Period

November 22 (Friday) – November 29 (Friday), 2019 5:00pm (must arrive by the deadline)

Applicants must complete “Register the application information using the online application site”, “Pay the entrance examination fee” and “Print, complete, and post the application documents” before the application deadline. Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.

(2) Method for Submitting the Application Documents

Please print out the “Application Documents Checklist” from the application documents print page on “My Page” on the online the application site and check that all documents are present before submitting the application. Please consider postal conditions and ensure that the documents arrive at the university within the application period.

① For residents in Japan

Please print the “Envelope Address Label” from the application documents print page and stick it on your own Rectangular #2-sized envelope (24 cm × 33.2 cm).

If sending your application documents by post, please be sure to send them by registered express mail.

If you want to deliver your application documents in person, please submit them to the Admission Division, Academic Affairs Support Department between 9:00 am and 4:30 pm on during the application period (excluding university and public holidays).

② For residents overseas

Please send your application documents by EMS or DHL.

Please print the “Envelope Address Label” from the application documents print page, and send it with other application documents.

(3) Address for Submitting the Application Documents and Reference for the Overall Application Process

Admission Division, Academic Affairs Support Department, University of Yamanashi

4-4-37, Takeda, Kofu, 400-8510 Japan

Phone: 055-220-8046 (from abroad, +81(0)55-220-8046)

【Notes Regarding Applications】

1. **Sufficient consultation with the academic supervisor of your preference should be carried out prior to applying.**
2. Please be careful when preparing your application since incomplete documents will not be accepted.
3. Misrepresentation of any information submitted in the application procedure may result in rejection of the application even after the applicant has entered the university.
4. Once the application has been received, they cannot be returned under any circumstances.
5. Once the online applicant registration has been completed, changes to the application content will not be permitted under any circumstances.

7. Selection Method

- (1) After the application documents are received, no changes to the desired course or program or to the selection of subjects will be permitted.
- (2) Dictionaries or reference books are not permitted.
- (3) For information on allocation of marks, refer to page 37.

[Mechanical Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of written examinations, an oral examination, and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Written examination (foreign language)

English in the field of mechanical engineering.

For foreign applicants (overseas students), Japanese or English will appear on the test.

(3) Oral examination (10 minutes)

Interview regarding mechanical engineering, etc.

(4) Examination of application documents

[Electrical and Electronic Engineering Course]

Successful applicants will be chosen based on an overall assessment of the results of a written examination, an oral examination and examination of their application documents.

(1) Written examination (specialized subjects)

Electric Circuits, Electronic Circuits and Electromagnetics

(2) Oral examination (presentation: 10 minutes; interview: 10 minutes)

10-minute presentation regarding the applicant's reason for applying and research project plan. Interview regarding the presentation, and some relevant basic academic skills and specialized knowledge. Applicants should prepare an MS PowerPoint file for the oral presentation and bring their own PC.
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(3) Examination of application documents**[Computer Science and Engineering Course]**

Successful applicants will be chosen based on an overall assessment of the results of a written examination, an oral examination, and examination of their application documents. Applicants may be exempted from the oral examination, depending on examination of their application documents (exemption will be announced in advance).

(1) Written examination (specialized subjects)

Compulsory subjects: Algorithms and Data Structures, Programming. Elective subjects: Choose three from Discrete Mathematics, Computer Architecture and Operating Systems, Databases, Computer Networks, Software Engineering.
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(2) Oral examination (presentation: 10 minutes; interview: 15 minutes)

Interview regarding the application's presentation on their statement of purpose and research project plan, which should be described logically from an engineering viewpoint. Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(3) Examination of application documents**[Mechatronics Course]**

Successful applicants will be chosen based on the total assessment of the results of a written examination, an oral examination, and the examination of their application documents. The applicants may be shortened from the oral examination, depending on the examination of application documents.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Written examination (specialized subjects)

Choose two from the following: Mechanics of Materials, Mechanical Dynamics, Programming, Digital Circuits, and Control Engineering.

(Important Notes) Applicants are not permitted to use any scale, compass, and calculator. Only pencils (including mechanical pencil) and eraser can be used.

(3) Oral examination (interview: 15 minutes)

Interview regarding the applicant's purpose and research plans, and some related matters.

(4) An examination of application documents**[Civil and Environmental Engineering Course]**

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan. Interview regarding the presentation and specialized knowledge. Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents

[Applied Chemistry Course]

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 5 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan.
Interview regarding the presentation and specialized knowledge.
Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents**[Advanced Material Science Course]**

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

All applicants are required to make presentation using a slide-presentation software such as MS PowerPoint or its alternative software. It is also required to bring their own laptop computer equipped with an analog RGB D-sub 15-Pin port. Please bring backup files saved on USB storage devices too.
The presentation must include the issues mentioned below: (1) The reason why you chose this graduate school and this course. (2) Future research plan. (Both 1 and 2 must be included.)
We will interview the issue related to the applicant's presentation and it will include physical and/or chemical fundamental issues.

(2) Examination of application documents**[Special Educational Program on River Basin Environmental Sciences]**

Successful applicants will be chosen based on an overall assessment of the results of an oral examination and examination of their application documents.

We may conduct preliminary interviews for those who wish to apply from overseas. The oral examination may be exempted for applicants who had a preliminary interview overseas and submitted a letter of recommendation from the director (or equivalents) of the universities or institutions. The place, date and time for a preliminary interview will be advised at the time of prearrangement and discussion with your preferred master's course supervisor.

(1) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation on the applicant's statement of purpose and research project plan.
Interview regarding the presentation and specialized knowledge.
Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(2) Examination of application documents**[Special Educational Program for Green Energy Conversion Science and Technology]**

Successful applicants will be chosen based on an overall assessment of the results of written examinations (fundamental and specialized subjects and foreign language), an oral examination (interview regarding the research project plan, conducted in either English or Japanese), and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (fundamental and specialized subjects)

Choose one from subject groups I – III (indicate choice when applying).
Subject group I: Chemistry A, Chemistry B
Subject group II: Physics, Materials Science for Mechanics
Subject group III: Physics, Electromagnetics/Electronic Properties
Bring a scientific calculator.

Contents of examination:

1. Chemistry A: Thermodynamics, Phase Equilibria, Chemical Kinetics, Electronic Structure of Atoms and Molecules, etc.
2. Chemistry B: Spectroscopy and Diffraction, Crystal Structure, Electronic Structure and Properties of Inorganic Materials, etc.
3. Physics: Force and Motion (including Basic Differential Equations)
4. Materials Science for Mechanics: Crystal Structure and Defects, Phase Diagrams and Structure, Deformation and Processing of Materials, etc.
5. Electromagnetics/Electronic Properties: Static Electric and Magnetic Fields, Electromagnetic Induction, Energy Bands, Motion of Carriers, etc.

(2) Written examination (foreign language)

English in the specialized field.

For foreign applicants (overseas students), Japanese or English will appear on the test.

(3) Oral examination (presentation: 10 minutes; interview: 10 minutes)

Presentation based on the applicant's statement of purpose and research project plan.

Interview regarding the presentation.

Applicants should prepare an MS PowerPoint file for their oral presentation and bring their own PC.

(4) Examination of application documents

[Allocation of Marks]

Course or Program	Written Examination		Oral Examination	Application Documents	Total
Mechanical Engineering Course	(Mathematics) 100	(Foreign Language) 100	Accepted / Rejected	(Academic Transcript) Accepted / Rejected*	200
Electrical and Electronic Engineering Course	(Specialized Subjects) 300		Accepted / Rejected	(Academic Transcript) Accepted / Rejected*	300
Special Educational Program for Green Energy Conversion Science and Technology	(Fundamental and Specialized Subjects) 200	(Foreign Language) 100	100	(Academic Transcript) Accepted / Rejected	400

*Including TOEIC, TOEFL or IELTS Test Score.

Course	Oral Examination	Application Documents	Total
Applied Chemistry Course	100	Accepted / Rejected*	100
Advanced Material Science Course	100	Accepted / Rejected*	100

*Including TOEIC, TOEFL or IELTS Test Score.

Course or Program	Written Examination		Oral Examination	Application Documents	TOEIC, TOEFL or IELTS	Total
Computer Science and Engineering Course	(Compulsory Subjects) 140	(Elective Subjects) 210	Accepted / Rejected	(Academic Transcript) Accepted / Rejected	100	450
Mechatronics Course	(Mathematics) 100	(Specialized Subjects) 100※	Accepted / Rejected	(Academic Transcript) Accepted / Rejected	50	250
Civil and Environmental Engineering Course			60	30	10	100
Special Educational Program on River Basin Environmental Sciences			60	30	10	100

※50 points for each (The total is 100 points.)

8. Date, Time, and Location of the Examination

Please arrive **20 minutes prior to the examination**.

If applicants arrive at the location of the examination within 30 minutes after the scheduled start time, they will be permitted to take the examination.

(1) Date and time

Date: December 14 (Saturday), 2019

Course or Program	Time	Type of examination
Mechanical Engineering Course	9:30 am to 11:00 am	Written examination (mathematics and foreign language)
	Starting at 11:40 am	Oral examination
Electrical and Electronic Engineering Course	9:30 am to 11:30 am	Written examination (specialized subjects)
	Starting at 1:30 pm	Oral examination
Computer Science and Engineering Course	9:30 am to 12:00 pm	Written examination (specialized subjects)
	Starting at 1:30 pm	Oral examination
Mechatronics Course	9:30 am to 11:30 am	Written examination (mathematics and specialized subjects)
	Starting at 11:45 am	Oral examination
Civil and Environmental Engineering Course	Starting at 9:30 am	Oral examination
Applied Chemistry Course	Starting at 9:30 am	Oral examination
Advanced Material Science Course	Starting at 9:30 am	Oral examination
Special Educational Program on River Basin Environmental Sciences	Starting at 9:30 am	Oral examination
Special Educational Program for Green Energy Conversion Science and Technology	9:30 am to 11:30 am	Written examination (fundamental and specialized subjects)
	11:40 am to 12:30 pm	Written examination (foreign language)
	Starting at 1:30 pm	Oral examination

(2) Examination location

Course or Program	Location
Mechanical Engineering Course	Room A1-11, first floor of Building A-1 (Kofu East Campus)
Electrical and Electronic Engineering Course	Lounge, third floor of Building T-1 (Kofu East Campus)
Computer Science and Engineering Course	Room A2-12, first floor of Building A-2 (Kofu East Campus)
Mechatronics Course	Room A2-11, first floor of Building A-2 (Kofu East Campus)
Civil and Environmental Engineering Course	Civil and Environmental Engineering Course Room T-69, second floor of Building B-3 (Kofu East Campus)
Applied Chemistry Course	Integrated Research Building (Kofu West Campus) *Come to the entrance of the Integrated Research Building
Advanced Material Science Course	Room T1-22, second floor of Building T-1 (Kofu East Campus)
Special Educational Program on River Basin Environmental Sciences	Room B1-336 *Come to Room B1-333, third floor of Building B-1 (Kofu East Campus)
Special Educational Program for Green Energy Conversion Science and Technology	Room B2-11, Building B-2 (Kofu-East Campus)

9. Other

Previous years' examination questions are published on our website's home page (<https://www.yamanashi.ac.jp/en/>).

General Information

1. Announcement of Successful Applicants

Announcement of successful applicants will be made on the bulletin board at the front entrance of Building A-2 around 5:00 pm on December 20 (Friday), 2019. A letter of acceptance will also be sent to successful applicants.

Information regarding results will not be given out over the telephone.

The examinee numbers of successful applicants will additionally be published on our website's home page (<https://www.yamanashi.ac.jp/en/>).

2. Enrollment Period

Applicants applying in this examination may select a period of enrollment. When applying, select either the April 2020 (First Semester) or October 2020 (Second Semester) enrollment period. Note that changes cannot be made to your selection once the application has been received by our office.

If you have any questions about enrollment in October 2020 (Second Semester), please contact the Admission Division.

3. Entrance Procedures

(1) Scheduled enrollment period

Enrollment Period	Enrollment Applications
April 2020 Enrollment	March 9 (Monday) – March 15 (Sunday), 2020
October 2020 Enrollment	September 11 (Friday), 2020

Notes:

If you fail to complete entrance procedures by the designated date, you will be assumed to have decided against entering our university, and your enrollment will be cancelled.

Your examination admission slip must be presented at the time of entrance procedures. Please keep your examination admission slip after the examination.

(2) Payment for enrollment

The enrollment fee is JPY282,000 (tentative).

The enrollment fee stated above may be revised at the time of enrollment. Received enrollment fees will not be returned under any circumstances.

(3) Applicants will be notified separately of the documents necessary for entrance procedures.

4. Tuition

Tuition for the First period for those students enrolling in April 2020 is JPY267,900 (totaling JPY535,800 per year).

Tuition for the Second period for those students enrolling in October 2020 is JPY267,900.

- Tuition fees listed are tentative. If revisions to this fee are made at the time of enrollment or during classes, the new fee will be applicable after it is set.
- Tuition is typically withdrawn automatically from the student's account. Information will be made available later with regard to procedures.

5. Other Expenditures

Student Research Accident Insurance expenditures are required.

6. Extended Credit System

The Division of Engineering master's program offers an extended credit system.

This system enables students whose hours of study are restricted by employment to obtain credits for a planned educational program over a fixed period (maximum of 4 years), exceeding the standard training year limit (2years) to complete the program. Because the units required for credit are the same as those required by the 2-year program, the yearly course load required is dramatically reduced.

For details on this system and the procedures, contact the Office for the Faculty of Engineering Education Group (Graduate School) by about one month before of the due date of application of this system below:

Phone: 055-220-8730 (from abroad, +81(0)55-220-8730).

【Due Date of Application of this System】

- (1) Enrollment in April (First Semester): Last day of February
- (2) Enrollment in October (Second Semester): Last day of August

7. Others

- (1) Personal information other than your name, and address obtained your application will be used in ①Selecting enrollees (application process, selection); ②Announcement of successful applicants; ③Enrollment; and ④Statistical investigations. Testing records used in the selection of enrollees will be used to create study materials for methods of selecting enrollees in the future.

Note that personal information of enrollees obtained in applications will be used in ①Educational activities (registration, student guidance etc.); ②Student support (health management, employment support, exemption from tuition・application for student loans); and ③collecting tuition.

- (2) Applicants wishing to obtain a scholarship should contact the Academic Affairs Support Department, Office of Student Support (Phone: 055-220-8053 (from abroad, +81(0)55-220-8053)), for information after announcement of successful applicants.

Course Descriptions

Course Descriptions from the Master's Course (Department of Engineering) of the Integrated Graduate School of Medicine, Engineering, and Agricultural Sciences

• Mechanical Engineering Course

Supervisors		Main topics of research	Leading subjects
Professor	FUJIMORI Atsushi	Modeling and control design of mechanical systems, navigation of mobile robots	Advanced thermal engineering Advanced mechanical dynamics and control Advanced fluid mechanics Advanced strength of materials Advanced material processing Advanced mechanical materials engineering Advanced mechanical systems engineering
Professor	TAKEDA Tetsuaki	Heat and mass transport phenomena	
Professor	NAKAYAMA Yoshihiro	Mechanical properties and microstructure of metallic materials	
Professor	OKAZAWA Shigenobu	Computational mechanics and its application to automobile engineering	
Professor	ITO Yasumi	Medical and welfare engineering, forensic engineering	
Associate Professor	TSUNODA Hiroyuki	Experimental and numerical studies on diffusion of passive scalars in a turbulent flow	
Associate Professor	NODA Yoshiyuki	Analysis and control of dynamical systems	
Associate Professor	YAMAMOTO Yoshinobu	Computational fluid dynamics, multiphase flow engineering magnetohydrodynamics	
Associate Professor	TORIYAMA Koji	Effective use of thermal energy and accelerated methods of numerical simulation using GPU	
Associate Professor	AOYAGI Junichiro	Evaluation and improvement of space propulsion systems	
Associate Professor	HARAMIISHI Yasutake	Machining and profile measurement using image processing	
Associate Professor	FUNATANI Shumpei	Flow visualization of combustion phenomena	
Associate Professor	KAGIYAMA Yoshiyuki	Surgical assistant research for biomedical analysis and pre-operative planning manipulation	
Associate Professor	UKITA Yoshiaki	Development of microsystems and applications to nano-micro analytical methods	

• Electrical and Electronic Engineering Course

Supervisors		Main topics of research	Leading subjects
Professor	UCHIYAMA Chikako	Quantum statistical research on quantum transport and microscopic heat engines	Advanced optical and acoustic waves engineering Advanced quantum engineering Advanced electronic device engineering Advanced crystal engineering Advanced signal and systems engineering Advanced electronic circuits engineering Advanced measuring engineering Advanced electrical power engineering Advanced power semiconductor modules engineering
Professor	OHKI Makoto	Signal processing, especially theory and application of multidimensional and adaptive signal processing	
Professor	KAKIO Shoji	Surface acoustic wave devices, optical guided wave devices	
Professor	TOYOKI Hiroyasu	Non-equilibrium dynamics of social and physical systems	
Professor	HANAWA Masanori	Optical fiber/wireless communication systems, optical devices, optical signal processing, medical signal processing	
Professor	YANO Koji	Design and fabrication of power semiconductor devices	
Professor	NABETANI Yoichi	Crystal growth and characterization of compound semiconductors	
Associate Professor	UNO Kazuyuki	Laser device, laser processing and laser medicine, discharge plasma and pulse power technology	
Associate Professor	ONOJIMA Norio	Fabrication of high-performance organic transistors and organic solar cells	
Associate Professor	SATO Takahide	Design of Integrated circuit and power supply circuit	
Associate Professor	SHIRAKI Ichiro	Physical property measurements and structure analysis of nanomaterials by scanning probe microscopy	
Associate Professor	SEKIYA Naoto	Development of superconducting high frequency devices	
Associate Professor	CHEN Lee Chuin	Development of new ionization methods for mass spectrometry	
Associate Professor	NINOMIYA Satoshi	Development of novel ion beams for surface analysis	
Associate Professor	HONMA Satoshi	Development and application of optical functional devices, optical switches and memory	
Associate Professor	MURANAKA Tsutomu	Design, growth, fabrication, and characterization of semiconductor nanostructures for applications in nanoelectronics	
Assistant Professor	KANEMOTO Daisuke	Design of mixed-signal LSI	
Assistant Professor	NAKAMURA Kazuhiko	Wireless communication systems, signal processing for communications	
Assistant Professor	HASHIMOTO Kazunari	Theoretical study of quantum transport in nano systems	
Assistant Professor	YAMAMOTO Masayuki	Design and analysis of semiconductor switching devices	

Note: Some professors affiliated with this course are also in charge of the Special Educational Program for Green Energy Conversion Science and Technology

• Computer Science and Engineering Course

Supervisors		Main topics of research	Leading subjects
Professor	IWANUMA Koji	Discrete data mining, automated theorem proving, artificial intelligence	Large-scale discrete structure processing Parallel computing Software engineering Internet engineering Machine learning User-centered design methodology Digital speech processing Natural language and image media processing Computer vision
Professor	OHBUCHI Ryutarou	2D image and 3D shape analysis, recognition and retrieval, cognitive visual information processing	
Professor	OZAWA Kenji	Acoustic signal processing, auditory information processing, audio-visual perceptive computing	
Professor	GO Kentaro	Interactive systems design methodology	
Professor	TAKAHASHI Masakazu	Software engineering, reliable software	
Professor	FUKUMOTO Fumiyo	Natural language processing, computational linguistics, information retrieval	
Professor	Mao Xiaoyang	Image processing, computer graphics, virtual reality/augment reality, visualization	
Professor	MINO Hidetoshi	Parallel processing, information security, computer networks	
Associate Professor	ANDOH Hidetoshi	Distributed and collaborative systems, interactive multimedia technology	
Associate Professor	OMATA Masaki	Human-computer interaction	
Associate Professor	KINOSHITA Yuichiro	Affective information processing, human-computer interaction	
Associate Professor	SUZUKI Tomohiro	High-performance computing	
Associate Professor	TOYOURA Masahiro	Image and video processing, educational technology, digital fabrication	
Associate Professor	NABESHIMA Hidetomo	Artificial intelligence, knowledge representation and reasoning, constraint satisfaction systems	
Associate Professor	HATTORI Motonobu	Neural networks	
Associate Professor	WATANABE Yoshimichi	Software development techniques	

• Mechatronics Course

Supervisors		Main topics of research	Leading subjects
Professor	ISHII Takaaki	Research on actuators using high power ultrasonics	Advanced mechatronics engineering Advanced robotics engineering Advanced human engineering Advanced embedded systems design Advanced materials engineering Advanced actuator engineering Advanced electromagnetic engineering Advanced communication-controlling networks Advanced medical and welfare instruments
Professor	KOTANI Shinji	Autonomous mobile robot navigation and environmental understanding by robot vision	
Professor	SUZUKI Yoshimi	Information retrieval, natural language processing, spoken language understanding	
Professor	TERADA Hidetsugu	Robotics and actuator engineering	
Professor	MORISAWA Masayuki	Intelligent sensors using plastic optical fiber	
Associate Professor	ISHIDA Kazuyoshi	Friction, wear, and lubrication	
Associate Professor	OKAMURA Miyoshi	Universal design, design science	
Associate Professor	KITAMURA Toshiya	Study of sound emission from air-flow and low-frequency noise	
Associate Professor	JIN Lianhua	Optical measurement, optoelectronics	
Associate Professor	SHIMIZU Tsuyoshi	Profile measurement and application of image processing	
Associate Professor	TANZAWA Tsutomu	Environment recognition using stereo vision	
Associate Professor	HIRA Shinichiro	Micromachining for fabrication of micro fluidic chips	
Associate Professor	NISHIZAKI Hiromitsu	Speech processing and spoken language processing	
Associate Professor	MAKINO Koji	Human-robot cooperative control	
Assistant Professor	SUZUKI Yutaka	Bio-medical electronics and signal processing	
Assistant Professor	WATANABE Hiromi	Wearable travel AID based on image processing	
Assistant Professor	KITANO Yudai	Development of wearable arm assist robot	

• Civil and Environmental Engineering Course

Courses	Supervisors		Main topics of research	Leading subjects
Civil Management Engineering	Professor	SUZUKI Takeyasu	Application of risk communication and ICT to regional disaster management	Disaster management and engineering Continuum mechanics of solids for civil engineers Infrastructure maintenance engineering Environmental preservation engineering Practical urban planning
	Professor	KANEKO Hidehiro	Bio-waste treatment, ecotoxicity evaluation of solid waste	
	Professor	SUETSUGI Tadashi	Prevention, mitigation, and risk avoidance of flood disasters	
	Professor	KOBAYASHI Masaki	Fundamentals of control by high-dimensional signal processing	
	Professor	SAITO Shigehiko	Life cycle simulation of concrete structures	
	Professor	MORI Kazuhiro	Bioenvironmental engineering for water treatment, remediation and resource use	
	Professor	KOSUDA Masashi	Study on data science for logistics	
	Associate Professor	GOTO Satoshi	Geotechnical engineering for disaster mitigation and rehabilitation	
	Associate Professor	ISHII Nobuyuki	Landscape design, aesthetical structure design, and urban planning and design	
	Associate Professor	MUTO Shinichi	Projects and public policy evaluation of urban planning	
	Associate Professor	HADA Yasunori	Measures and strategies for disaster risk reduction and a resilient society	
	Associate Professor	YOSHIDA Junji	Dynamics of structures, mechanics of solids and health monitoring of structures	
	Assistant Professor	MIYAMOTO Takashi	Earthquake engineering and application of data science	
	Assistant Professor	YAMAURA Kota	Representation theory of algebras	

• Applied Chemistry Course

Supervisors		Main topics of research	Leading subjects
Professor	WADA Satoshi	Development of environmentally friendly electroceramics with high performance by nanostructure control	Advanced organic chemistry Advanced inorganic chemistry I Advanced inorganic chemistry II Advanced analytical chemistry Advanced physical chemistry Advanced polymer chemistry Advanced quantum chemistry for energy conversion Advanced course in materials design for fuel cells
Professor	TANAKA Isao	Growth technique and new function discovery of functional oxide single crystals	
Professor	KUMADA Nobuhiro	Synthesis and crystal structure analysis of new inorganic compounds	
Professor	IRIE Hiroshi	Development of materials for energy and environmental preservation	
Professor	OKUZAKI Hidenori	Plastic electronics with conductive polymers	
Professor	MIYATAKE Kenji	Synthesis and characterization of polymer electrolyte membranes for fuel cells	
Professor	TAKEI Takahiro	Synthesis of functional inorganic porous materials	
Professor	UCHIDA Makoto	Design of high-performance membrane electrode assemblies for fuel cells	
Professor	YANAGI Hiroshi	Exploration of new functional oxide semiconductors	
Professor	INUKAI Junji	Analysis of surface structure and electronic state of energy conversion materials	
Professor	YONEYAMA Naoki	Single crystal growth and physical properties of organic conductors	
Research Professor	MIYAO Toshihiro	Nanostructured catalysts for hydrogen production	
Research Professor	KAKINUMA Katsuyoshi	Synthesis and analysis of nanomaterials for fuel cells	
Associate Professor	KUWABARA Tetsuo	Development of functional dyes and supramolecular materials	
Associate Professor	OBATA Makoto	Synthesis and application of functional polymers	
Associate Professor	YONEZAKI Yoshinori	Synthesis and structure analysis of inorganic photofunctional material	
Associate Professor	SAKANE Hideto	Analysis of local structure and character of inorganic compounds	
Associate Professor	NOHARA Shinji	Electrocatalysts for fuel cells	
Associate Professor	WATAUCHI Satoshi	Development of techniques for crystal growth using infrared convergent heating systems	
Associate Professor	MIYAJIMA Naoya	Surface modification and applications of materials	
Associate Professor	UENO Shintaro	Development of high-performance ceramic composites by microstructural control	
Associate Professor	TAKASHIMA Toshihiro	Design of multi-electron transfer catalysts for artificial photosynthesis	
Associate Professor	YAMANAKA Junji	Transmission electron microscopy of semiconductors, metallic alloys, and other inorganic materials	
Assistant Professor	UETA Ikuo	Analysis of trace volatile organic compounds	
Assistant professor	NAGAO Masanori	Single crystal growth and characterization of superconducting (and functional) materials	

Note: Some professors affiliated with this course are also in charge of the Advanced Materials Science Course or Special Educational Program for Green Energy Conversion Science and Technology

• Advanced Material Science Course

Supervisors		Main topics of research	Leading subjects
Professor	KUMADA Nobuhiro	Synthesis and crystal structure analysis of new inorganic compounds	Advanced condensed matter physics Advanced quantum devices Advanced photonics Lectures on advanced electronics Advanced functional materials Advanced quantum material science Structure and chemistry of crystalline solids
Professor	KONDOH Eiichi	Processing and evaluation of micro- and nanomaterials	
Professor	TAKEI Takahiro	Soft chemical synthesis of new functional inorganic material	
Professor	TANAKA Isao	Growth technique and new function discovery of functional oxide single crystals	
Professor	HARIMOTO Tetsuo	Nonlinear optical effects with ultrahigh intensity and ultrashort laser pulses	
Professor	HORI Hirokazu	Quantum electronics, nano-optoelectronics, near-field optics, electrodynamics, theory of functionality, medical applications	
Associate Professor	ARIMOTO Keisuke	Electronic properties of group IV semiconductor heterostructures	
Associate Professor	ISHIKAWA Akira	Theory of quantum optics in open nanosystems	
Associate Professor	IJIMA Kaoru	Surface science	
Associate Professor	OGAWA Kazuya	Optical functional organic materials	
Associate Professor	KATOH Hatsuhiro	Physics and technologies for designing electronic devices	
Associate Professor	SAKAI Masaru	Nanophotonics, optical properties of nanomaterials	
Associate Professor	SATO Tetsuya	Fundamentals of the physicochemical process on surfaces and formation of thin films	
Associate Professor	SYOUJI Atsushi	Optical properties of condensed matter and semiconductors	
Associate Professor	YAMANAKA Junji	Transmission electron microscopy of semiconductors, metallic alloys, and other inorganic materials	
Associate Professor	YONEZAKI Yoshinori	Synthesis and structure analysis of inorganic photofunctional materials	
Associate Professor	WATAUCHI Satoshi	Development of techniques for crystal growth using infrared convergent heating systems	
Assistant Professor	NAGAO Masanori	Single crystal growth and characterization of superconducting (and functional) materials	
Assistant Professor	UCHIYAMA Kazuharu	Scanning probe microscopy for development of nano-optoelectronic functional device	

Note: Some professors affiliated with this course are also in charge of the Applied Chemistry Course or Special Educational Program for Green Energy Conversion Science and Technology.

• Special Educational Program on River Basin Environmental Sciences

Supervisors		Main topics of research	Leading subjects
Professor	MASUTANI Keiichi	Physics of hydraulics and hydrology	International Partnership Environmental Statistics Geographic Information Systems Life and Health River Basin Planning and Design Advanced Hydraulics and Hydrology Advanced Water Quality Assessment Advanced Environmental Treatment Technology
Professor	KAZAMA Futaba	Development of eco-friendly water treatment systems and its application to water quality management	
Professor	NISHIDA Kei	Material cycle health and wellbeing in river basin	
Professor	ISHIDAIRA Hiroshi	Development of Hydrological model, Hydrology in Cryosphere	
Associate Professor	HARAMOTO Eiji	Fate of health-related water microorganisms in aquatic environments	
Associate Professor	TOYAMA Tadashi	Environmental purification, waste/wastewater treatment, re-production of energy/material from waste/wastewater	
Associate Professor	SOUMA Kazuyoshi	Meteorological and hydrological modeling, including human activities/prediction of water disasters	
Assistant Professor	MAGOME Jun	Modeling, remote sensing and geographical analysis in hydrology and water resources	
Assistant Professor	NAKAMURA Takashi	Hydrological analysis and water quality assessment using environmental isotopes	

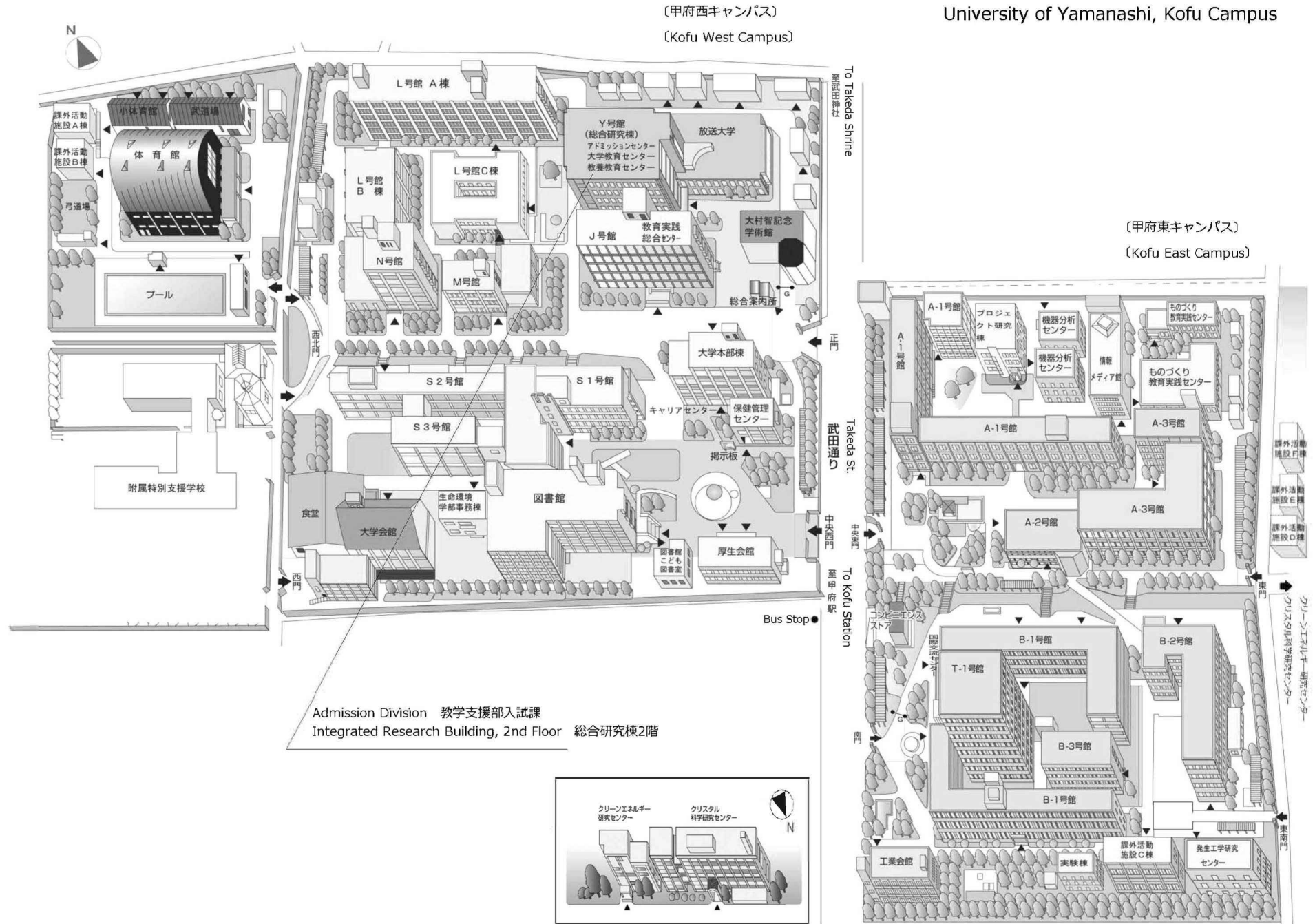
Note: Some professors affiliated with this course are also in charge of other courses and majors. Some professors affiliated with other course and majors are also in charge of this course.

• Special Educational Program for Green Energy Conversion Science and Technology

Courses	Supervisors		Main topics of research	Leading subjects
Fuel Cells	Professor	UCHIDA Makoto	Design of high-performance membrane electrode assemblies for fuel cells	
	Professor	MIYATAKE Kenji	Synthesis and characterization of polymer electrolyte membranes for fuel cells	
	Associate Professor	NOHARA Shinji	Electrocatalysts for polymer electrolyte fuel cells	
	Research Professor	IYAMA Akihiro	Polymer electrolyte fuel cells for advanced vehicles	
	Research Professor	KAKINUMA Katsuyoshi	Synthesis and analysis of nanomaterials for fuel cells	
	Assistant Professor	MIYAKE Junpei	Design of polymer electrolytes for fuel cells	
Solar Energy	Professor	IRIE Hiroshi	Creation and evaluation of solar energy conversion and environmental materials	Advanced course in materials design for fuel cells
	Professor	YANAGI Hiroshi	Synthesis and characterization of oxide semiconductors for solar energy conversion	Advanced physical chemistry
	Associate Professor	TAKASHIMA Toshihiro	Design of multi-electron transfer catalysts for artificial photosynthesis	Advanced inorganic chemistry
Conversion Materials	Professor	WADA Satoshi	Creation and characterization of environmentally compatible piezoelectric ceramics	Advanced materials chemistry
	Professor	TANAKA Isao	Growth and creation of new functions of functional material single crystals	Advanced course in engineering for solar energy conversion
	Professor	KUMADA Nobuhiro	Synthesis and characterization of new inorganic compounds	Advanced course in polymer materials chemistry
	Professor	OKUZAKI Hidenori	Plastic electronics with conductive polymers	Advanced course in surface and interface science
	Professor	INUKAI Junji	Analysis of surface structure and electronic state of energy conversion materials	
New Energy Technology Course	Professor	KONDOH Eiichi	Processing and evaluation of micro- and nanomaterials	
	Professor	TAKEI Takahiro	Preparation and characterization of functional organic-inorganic composites	
	Research Professor	MIYAO Toshihiro	Nanostructured catalysts for hydrogen production	

Note: Some professors affiliated with this course are also in charge of other courses.

山梨大学（甲府キャンパス）建物配置図
University of Yamanashi, Kofu Campus



山梨大学甲府キャンパス周辺図

University of Yamanashi, Kofu Campus Location Map

甲府駅下車、北口から徒歩約15分

甲府駅下車、北口からバス(武田神社、積翠寺行き)で約5分 山梨大学下車

Take the JR train to Kofu Station and follow the signs to the North Exit.

The campus is about a **15 minutes** walk from Kofu Station.

Take the JR train to Kofu Station. From the bus terminal at the North Exit, take a bus bound either for "Takeda Shrine," or "Sekisuiji Temple. After about 5 minutes, get off at the University of Yamanashi Bus Stop.



構内には駐車場がありませんので、電車、バス等の公共交通機関を利用してください。

As there is no parking area available on the campus property, please use public transportation.

Designated Forms

(Form 1~Form 4)

Note 3: The blank marked ※ is to be filled in by the Admission Division.

STATEMENT OF PURPOSE

Examinee No.	※	Name		Notes	
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Make a Statement of Purpose based on this form on a computer.

Note: The blank marked ※is to be filled in by the Admission Division.

RESEARCH PROJECT PLAN

Examinee No.	※	Name		Notes	
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Make a Research Project Plan including figures based on this form on a computer.

[Mechanical Engineering Course]

Within four pages, describe *what you will research after enrollment* and *how much your research has prepared you and progressed*.

[Electrical and Electronic Engineering Course]

Within four pages, describe *how do you plan to proceed your research after enrollment. Support your plan with its motive, course and how is your current progress and preparation of your mentioned research*.

[Computer Science and Engineering Course]

Within four pages, describe *what kind of technics you are interested in* and *what you will research after enrollment*.

[Mechatronics Course]

Within four pages, describe *what you will research after enrollment* and *how much your research has prepared you and progressed*.

[Applied Chemistry Course]

Within two pages, describe *what you will research after enrollment* and *how much your research has prepared you and progressed*.

[Advanced Materials Science Course]

Within two pages, describe *what you hope to learn and accomplish through your research after enrollment* and *to what extent you are currently preparing for it*.

RESEARCH PROJECT PLAN

Examinee No.	※	Name		Notes	
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Make a Research Project Plan including figures based on this form on a computer.

[Electrical and Electronic Engineering Course]

Within four pages, describe *how do you plan to proceed your research after enrollment. Support your plan with its motive, course and how is your current progress and preparation of your mentioned research.*

[Computer Science and Engineering Course]

Within four pages, describe *what kind of technics you are interested in and what you will research after enrollment.*

[Mechatronics Course, Civil and Environmental Engineering Course, Special Educational Program on River Basin Environmental Science]

Within four pages, describe *what you will research after enrollment and how much your research has prepared you and progressed.*

[Applied Chemistry Course]

Within two pages, describe *how much your research has prepared and progressed and what you will research after enrollment.*

[Advanced Material Science Course]

Within four pages, describe *what you hope to learn and accomplish through your research after enrollment and to what extent you are currently preparing for it.*

[Special Education Program for Green Energy Conversion Science and Technology]

Within four pages, describe *what you will research after enrollment and the content of your graduation work.*

2020

Examination Form for the Approval of Application RequirementsIntegrated Graduate School of Medicine, Engineering, and Agricultural Sciences
Master's Course (Department of Engineering)

		※ Examinee No.	
Name	(FAMILY) (MIDDLE) (FIRST)	Male / Female	
Date of Birth	(YEAR) (MONTH) (DAY)	Age:	
Nationality			
Classification	First Call for Application	Second Call for Application	
Selection	Special Selection for Preferred Applicants	General Selection	
Desired Course or Program			
Desired Field	*Applicants to the Special Educational Program for Green Energy Conversion Science and Technology only (※1)		
Name of Academic Advisor			
Contact Information	Address:		
	E-mail : @		
	Phone No.:	Mobile Phone No.:	
University Education	(UNIVERSITY) (DEPARTMENT) (MAJOR)		
Classification of University (Circle One)	National	Public	Private
Date of Graduation / Expected Date of Graduation	(MONTH AND YEAR)		
Desired Enrollment Date (Circle one)	First Call for Application	October 2019	April 2020
	Second Call for Application	April 2020	October 2020

[Notes for filling out the form]

1. The blank marked ※ is to be filled in by the Admission Division.
2. Please circle the appropriate Classification and Selection.
3. Please circle your desired enrollment date.
4. If you are applying for the Special Educational Program for Green Energy Conversion Science and Technology, choose one field (※1).

RESUME					
Section	Date		Description		
<div>Educational History</div> <div>Describe your educational history from elementary on. If you attended a university, etc., as a research student, indicate that period as well.</div>	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
	Entrance	Month/Year	Name and Location of School		
	Completion	Month/Year			
<div>Occupational History</div>	From To		Name of Employer, Type of Work, Position, etc.		
	From To		Name of Employer, Type of Work, Position, etc.		
	From To		Name of Employer, Type of Work, Position, etc.		
	From To		Name of Employer, Type of Work, Position, etc.		
	From To		Name of Employer, Type of Work, Position, etc.		
<div>Qualifications or Licenses</div>	Month	Year	(No.)		
	Month	Year	(No.)		
<div>Awards/Disciplinary Actions</div>			(No.)		

Note 2: Misrepresentation of any information submitted in the application procedure may result in rejection of the application even after the applicant has entered the university.