Application Guidelines for 2022

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.)

Depending on the future infection status of the COVID-19/Coronavirus disease, recruitment may be taken place on the schedule and by the selection methods differing from the ones described on the guidelines.

In case that changes have been made in the announced guidelines, the revised contents will be posted on the University of Yamanashi website (https://www.yamanashi.ac.jp/admission/45).

Please see the University website at any time.

In addition, there is a possibility that the revised contents will be changed furthermore depending on the infection status.

Updated September 21, 2021

Second Call for Application, General Admission Application Guideline

Page 31: 3 Preparation before the Application Period (if applicable)

Add the following,

[Application Period]

October 11 (Monday) – October 15 (Friday), 2021 5:00 pm (must arrive in the application period)



University of Yamanashi

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

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<<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, +81-55-220-8046)

Admissions > Graduate School Entrance Examination > Applicant Requirements

Weekdays (Mon-Fri): Between 8:30 am and 5:00 pm (Except school holidays, public holidays, August 13 to 17, 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, Programming, and the basis of computer science.
- (2) Presentation skills in their statement of purpose and research project plan that should logically describe an engineering viewpoint.
- (3) Ability to explain and discuss his or her area of specialization from technical standpoint.

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.

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Number of Students to be Admitted

| Classification of Amelication | Capacity - | Number of Students to be Admitted | | | | | | |
|-----------------------------------------------------------------------------------|------------|----------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------|----------------------|--------------------------------------------------------|-------------------------------------|
| Classification of Application | | | First Call for Applications (October 2021 and April 2022 Enrollment) | | Second Call for Applications (April 2022 and October 2022 Enrollment) | | Total Number | |
| Courses or Programs | | Admission for Applicants with Recommendation | General Admission | Admission for Applicants with Work Experience | Admission for Applicants with Recommendation | General Admission | Admission for Applicants with Work Experience | of Students to be Admitted |
| Mechanical Engineering Course | | 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 | 181 | | 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 | 8 | A few | | A few | A few | 23 |
| Special Educational Program on River Basin Environmental Science | | A few | 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 Admission for Applicants with Recommendation or General Admission if you are foreign applicants (overseas students).

Examination Dates

[First Call for Applications (October 2021 and April 2022 enrollment)]

| Please consult with the academic advisor of your preference before 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 14 (Monday) – June 21 (Monday), 2021 Applicants must complete "Register the application information", "Pay the entrance examination fee" and "Print out, complete and submit the application documents" using the online application site during the application period. | | |
| Examination Date | | July 3 (Saturday), 2021 | | |
| Announcement of Successful Applicants | | July 16 (Friday), 2021 | | |
| Entrance | Enrollment in October 2021 | September 10 (Friday), 2021 | | |
| Procedures | Enrollment in April 2022 | March 8 (Tuesday) – March 15 (Tuesday), 2022 | | |

[Second Call for Applications (April 2022 and October 2022 enrollment)]

| Plo | Please consult with the academic advisor of your preference before 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 Po | eriod | November 15 (Monday) – November 22 (Monday), 2021 Applicants must complete "Register the application information", "Pay the entrance examination fee" and "Print out, complete, and submit the application documents" using the online application site during the application period. | | | |
| Examination I | Date | December 4 (Saturday), 2021 | | | |
| Announcemen Applicants | t of Successful | December 17 (Friday), 2021 | | | |
| Entrance | Enrollment in April 2022 | March 8 (Tuesday) – March 15 (Tuesday), 2022 | | | |
| Procedures | Enrollment in October 2022 | September 9 (Friday), 2022 | | | |

First Call for Applications

(October 2021 and April 2022 Enrollment)

Admission Application Guideline for Applicants with Recommendation

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 |
| Special Educational Program on River Basin Environmental Science | A few |
| 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 <u>can assure entrance after the announcement of successful applicants</u>. In case of applying for Special Educational Program on River Basin Environmental Science, it is required that applicants were recommended for MEXT Scholarship Students by our university.

- (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 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 7 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2022 (or September 2021 for candidates desiring enrollment in October 2021) and be awarded a Bachelor's degree according to the law by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (4) Persons who have completed a course or are expected to do so by March 2022 (or September 2021 for candidates desiring enrollment in October 2021) 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, or are expected to do so by March 2022 (or September 2021 for candidates desiring enrollment in October 2021)
- (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 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (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 1:** An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (7). Please contact the Admission Division by May 10 (Monday), 2021.
- **Note 2:** An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please read "3 Preparation before the Application Period" on page 7 of this guideline.

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 within the application period.

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.

Applicants who applied for Special Educational Program on River Basin Environmental Science and were recommended for MEXT Scholarship Students by our university are also exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81-55-220-8738).)

Applicants will be informed of the results of the examination by May 28 (Friday),2021. If the results of the examination is passed, please be sure to complete the 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 Residence Card (refer to page 9)

[Application Period]

May 10 (Monday) – May 14 (Friday), 2021 5:00 pm (must arrive during the application period)

① Applicants in Japan

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

2 Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

[Notes Regarding Applications]

① Please consult with the academic advisor of your preference before applying.

*Please contact the academic advisor of your preference with sufficient time to spare.

② Please attach the Japanese translation to the certificates written by a foreign language besides English.

(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 10 (Monday), 2021.

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, +81-55-220-8046)

4. Application Procedure

(1) Application Method ** Please refer to "Appendix: Online Application User Guide" on this guideline.

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 application information, etc.

- 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)

(2) 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 only payment method from the foreign countries is a credit card payment. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed.
 - ①Credit card, ②Convenience store, ③ATM of a financial institution (Pay-easy), ④Internet banking
- 2. For all payment methods, transfer fee will be charged separately.
- 3. Once the application documents have been received, the paid entrance examination fee will not be refunded for any reason.

[Exemption from the Entrance Examination Fee]

At the University of Yamanashi, exemptions from paying the examination fee are available to applicants affected by "the Great East Japan Earthquake", "the Kumamoto Earthquake in 2016", "the heavy rain in July 2018", "the Hokkaido Eastern Iburi earthquake in 2018", "2019 Typhoon Faxai", "2019 Typhoon Hagibis", "the regions where the Disaster Relief Act is applied for the disaster which occurred in and after April, 2020" in order for them to secure opportunities to attend university. Applicants who want to apply for this exemption should contact the Admission Division, Academic Affairs Support Department before the start of the application period.

Please check the University of Yamanashi's website (http://www.yamanashi.ac.jp/examination/3787) for details on Application documents for this exemption.

(3) 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.
- · Application documents cannot be returned or changed.
- For No. 1 2 and No. 4 7 in the documents below, applicants who applied for Special Educational Program on River Basin Environmental Science and were recommended for MEXT Scholarship Students by our university can submit the copies of "Application documents for MEXT Scholarship Students". (For No.7, applicants can submit the copies of the documents submitted as the evidence of 'language proficiency (English)' which are designated in the applicant requirements for MEXT Scholarship Students).
- · If you pass the examination of application requirements, you do not need to send documents submitted at that time.

| NO | Application document | Description |
|----|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university | 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 | Please submit the "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 2019. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination. ① TOEIC Listening & Reading Official Score Report ② TOEIC Listening & Reading IP Score Report ③ TOEFL-iBT Examinee Score Report or Test Taker Score Report ④ TOEFL-ITP Score Report ⑤ INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS) Test Report Form (only Academic module) |
| 8 | Postage Stamp Sticking Paper (for sending examination admission slip) | Applicants in Japan Please tightly affix ¥374 worth of stamps (inclusive of express mail fees) to this paper printed from the application documents print page on "My Page" from the online application site. Please be sure to pay this exact amount. Overseas applicants Do not need to submit this paper. The examination admission slip will be sent to the E-mail address registered on the online application website. |
| 9 | Double-sided copy of Residence Card or Copy of Passport *Non-Japanese applicants only | Applicants who reside in Japan are required to submit a double-sided copy of their Residence Card so that Personal identification, Status of residence and Period of stay can be confirmed. Those who reside in foreign countries are required to submit a copy of page your passport ID. |
| 10 | Other | If the applicant's name is different on each certificate or document because of a name change, please submit an extract of family register showing the change. |

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

(4) Application Period

June 14 (Monday) – June 21 (Monday), 2021 5:00 pm (must arrive by the deadline)

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

(5) Method for submitting application documents

Please submit your application documents after checking that all documents are in order using the "Application Documents Checklist" from the application documents print page on "My Page" on the online application site.

① Applicants in Japan

Please print the Envelope Address Label from the application documents print page on "My Page" on the online application site and affix it to your own Kakugata 2-go size envelope (24cm x 33.2cm).

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

2 Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

The successful applicant who submitted the documents in electric files with PDF format should submit the Original paper documents as well by the due date. For the submission method, please see "10 Request for Submitting Application Documents(original)" on page 23 of this guideline.

(6) 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, +81-55-220-8046)

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

[Notes Regarding Applications]

- 1. Please consult with the academic advisor of your preference before applying.

 *Please contact the academic advisor of your preference with sufficient time to spare.
- 2. Please be careful when preparing your application documents since incomplete documents will not be accepted.
- 3. Once the application documents have been received, the information contained in the application cannot be changed with the exception of the applicant's address or contact information.
- 4. Misrepresentation of any information contained in the application documents may result in the rejection of the application even after enrollment.
- 5. If any points are unclear in the application procedures, please contact the Admission Division, Academic Affairs Support Department.

5. 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

PC.

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

[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 or Program | 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 |
| Special Educational Program on River Basin Environmental Science | 10 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, Special Educational Program on River Basin Environmental Science, 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. 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 or Program | 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 |
| Special Educational Program on River Basin Environmental Science | Accepted / Rejected | Accepted / Rejected* | |

^{*}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.

6. 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 3 (Saturday), 2021

| Course | Time | Type of examination |
|---------------------------------------------------------------------|------------------|---------------------|
| Mechanical Engineering Course | Start at 1:30 pm | Oral examination |
| Electrical and Electronic Engineering Course | Start at 9:30 am | Oral examination |
| Computer Science and Engineering Course | Start at 9:30 am | Oral examination |
| Mechatronics Course | Start at 9:30 am | Oral examination |
| Applied Chemistry Course | Start at 9:30 am | Oral examination |
| Advanced Material Science Course | Start at 9:30 am | Oral examination |
| Special Educational Program on River Basin Environmental Science | Start at 9:30 am | Oral examination |

(2) Location

| Course or Program | Location | Examination Room |
|------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------|
| 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 | Masting groups in soah sayaga |
| Mechatronics Course | (Kofu East Campus) | Meeting rooms in each course and others |
| Advanced Material Science Course | Room T1-22, second floor of Building T-1 (Kofu East Campus) | |
| Special Educational Program on River Basin Environmental Science | Room B1-333, third floor of Building B-1 (Kofu East Campus) | |
| Applied Chemistry Course | Entrance of Integrated Research Building (Kofu West Campus) | Inside of Integrated Research Building |

General Admission 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 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 7 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2022 (or September 2021 for candidates desiring enrollment in October 2021) and be awarded a Bachelor's degree according to the law by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (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 2022 (or September 2021 for candidates desiring enrollment in October 2021) 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 or are expected to complete 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 or are expected to be 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 by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (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, or are expected to do so by March 2022 (or September 2021 for candidates desiring enrollment in October 2021).
- (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 2022(or September 2021 for candidates desiring enrollment in October 2021).

- (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 1:** An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (9) or (10). Please contact the Admission Division by May 10 (Monday), 2021.
- **Note 2:** An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please read "3 Preparation before the Application Period" on this page.

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 within the application period.

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, +81-55-220-8738).)

Applicants will be informed of the results of the examination by May 28 (Friday),2021. If the results of the examination is passed, please be sure to complete the 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 Statement of Purpose (Form 2)*1
- 4 Research Project Plan (Form 3)*1
- 5 TOEIC, TOEFL or IELTS Test Score (refer to page 16)*2
- 6 Copy of Passport or Resident card (refer to page 16)
- * 1 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)].
- ※ 2 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 10 (Monday) – May 14 (Friday), 2021 5:00 pm (must arrive during the application period)

① Applicants in Japan

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

② Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

[Notes Regarding Applications]

- ① Please consult with the academic advisor of your preference before applying.
 - *Please contact the academic advisor of your preference with sufficient time to spare.
- 2 Please attach the Japanese translation to the certificates written by a foreign language besides English.

(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 10 (Monday), 2021.

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, +81-55-220-8046)

4. Application Procedure

(1) Application Method ** Please refer to "Appendix: Online Application User Guide" on this guideline.

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 application information, etc.

- 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)

(2) 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 only payment method from the foreign countries is a credit card payment. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed.
 - ①Credit card, ②Convenience store, ③ATM of a financial institution (Pay-easy), ④Internet banking
- 2. For all payment methods, transfer fee will be charged separately.
- 3. Once the application documents have been received, the paid entrance examination fee will not be refunded for any reason.

[Exemption from the Entrance Examination Fee]

At the University of Yamanashi, exemptions from paying the examination fee are available to applicants affected by "the Great East Japan Earthquake", "the Kumamoto Earthquake in 2016", "the heavy rain in July 2018", "the Hokkaido Eastern Iburi earthquake in 2018", "2019 Typhoon Faxai", "2019 Typhoon Hagibis", "the regions where the Disaster Relief Act is applied for the disaster which occurred in and after April, 2020" in order for them to secure opportunities to attend university. Applicants who want to apply for this exemption should contact the Admission Division, Academic Affairs Support Department before the start of the application period.

Please check the University of Yamanashi's website (http://www.yamanashi.ac.jp/examination/3787) for details on Application documents for this exemption.

(3) 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.
- Application documents cannot be returned or changed.
- If you pass the examination of application requirements, you do not need to send documents submitted at that time.

| NO | Application document | Description |
|----|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university | 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 *Except Special Educational program for Green Energy Conversion Science and Technology | Submit either of the following documents. The test score is acceptable only if the test was taken after June 2019. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination. ① TOEIC Listening & Reading Official Score Report ② TOEIC Listening & Reading IP Score Report ③ TOEFL-iBT Examinee Score Report or Test Taker Score Report ④ TOEFL-ITP Score Report ⑤ INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS) Test Report Form (only Academic module) |
| 7 | Postage Stamp Sticking Paper (for sending examination admission slip) | Applicants in Japan Please tightly affix ¥374 worth of stamps (inclusive of express mail fees) to this paper printed from the application documents print page on "My Page" from the online application site. Please be sure to pay this exact amount. Overseas applicants Overseas applicants do not need to submit this paper. The examination admission slip will be sent to the E-mail address registered on the online application website. |
| 8 | Double-sided copy of Residence Card or Copy of Passport *Non-Japanese applicants only | Applicants who reside in Japan are required to submit a double-sided copy of Their Residence Card so that Personal identification, Status of residence and Period of stay can be confirmed. Those who reside in foreign countries are required to submit a copy of page your passport ID. |
| 9 | Other | If the applicant's name is different on each certificate or document because of a name change, please submit an extract of family register showing the change. |

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

(4) Application Period

June 14 (Monday) – June 21 (Monday), 2021 5:00 pm (must arrive by the deadline)

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

(5) Method for submitting application documents

Please submit your application documents after checking that all documents are in order using the "Application Documents Checklist" from the application documents print page on "My Page" on the online application site.

① Applicants in Japan

Please print the Envelope Address Label from the application documents print page on "My Page" on the online application site and affix it to your own Kakugata 2-go size envelope (24cm x 33.2cm).

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

2 Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

The successful applicant who submitted the documents in electric files with PDF format should submit the Original paper documents as well by the due date. For the submission method, please see "10 Request for Submitting Application Documents(original)" on page 23 of this guideline.

(6) 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, +81-55-220-8046)

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

[Notes Regarding Applications]

1. Please consult with the academic advisor of your preference before applying.

*Please contact the academic advisor of your preference with sufficient time to spare.

- 2. Please be careful when preparing your application documents since incomplete documents will not be accepted.
- 3. Once the application documents have been received, the information contained in the application cannot be changed with the exception of the applicant's address or contact information.
- 4. Misrepresentation of any information contained in the application documents may result in the rejection of the application even after enrollment.
- 5. If any points are unclear in the application procedures, please contact the Admission Division, Academic Affairs Support Department.

5. 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) It is not permitted to bring a dictionaries or reference books in the examination room.
- (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 a written examination, an oral examination, and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Oral examination (10 minutes)

Interview regarding mechanical engineering, etc.

(3) 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.

Written exam questions are presented only in Japanese but can be answered in English. Also, presentations of research plans and following discussions are available in English.

(1) Written examination (specialized subjects: 120 minutes)

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).

Written exam questions are presented only in Japanese but can be answered in English. Presentations of research plans and following discussions can also be made in English.

(1) Written examination (specialized subjects)

Algorithms and data structures, programming.

(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 duration of the oral examination may be shortened, depending on the examination of application documents.

Written exam questions are presented only in Japanese but can be answered in English. Also, the oral examination is available in English.

(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: 5 minutes; interview: 15 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 academic advisor (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 |
|--------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------|------------------------|-----------------------------------------------------|-------|
| 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 |
|-------------------------------------------------------------------------|-------------------------------|-----------------------------------|-----------------------|-------------------------------------------------|-----------------------------|-------|
| Mechanical Engineering Course | (Mathematics) 150 | | Accepted/ Rejected | (Academic Transcript) Accepted / Rejected | 70 | 220 |
| Computer Science and Engineering Course | (Specialized Subjects) 140 | | Accepted/ Rejected | (Academic Transcript) Accepted / Rejected | 40 | 180 |
| Mechatronics Course | (Mathematics) | (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 |

³⁵⁰ points for each (The total is 100 points.)

6. 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 3 (Saturday), 2021

| Course or Program Time | | Type of examination |
|-------------------------------|---------------------|-----------------------------------|
| Mechanical Engineering Course | 9:30 am to 10:30 am | Written examination (mathematics) |
| Meenamear Engineering Course | Start at 11:00 am | Oral examination |

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

7. Other

Previous years' examination questions are published on our website (https://www.yamanashi.ac.jp/admission/297).

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 16 (Friday), 2021. The examinee numbers of successful applicants will additionally be published on our website (https://www.yamanashi.ac.jp/en/). **Information regarding results will not be given out over the telephone.**

A letter of acceptance will also be sent to successful applicants.

2. Enrollment Period

Applicants applying in this examination may select a period of enrollment. When applying, select either the October 2021 (Second Semester) or April 2022 (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 2021 (Second Semester), please contact the Admission Division.

3. Entrance Procedures

(1) Scheduled enrollment period

| Enrollment Period | Enrollment Applications |
|-------------------------|----------------------------------------------|
| October 2021 Enrollment | September 10 (Friday), 2021 |
| April 2022 Enrollment | March 8 (Tuesday) – March 15 (Tuesday), 2022 |

Notes:

- Applicants will be notified separately of the documents necessary for entrance procedures.
- 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 canceled.
- 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.

4. Tuition

Tuition for the Second period for those students enrolling in October 2021 is JPY267,900.

Tuition for the First period for those students enrolling in April 2022 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. Admission Fee Exemption System for Successful Applicants with Excellent Academic Achievements

The Division of Engineering master's program recognizes a certain ratio of successful applicants with excellent academic achievements and personality as honor students and exempts him/her from paying an admission fee in full. Successful applicants with recommendation are prioritized.

7. 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 (2 years) 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, +81-55-220-8730).

[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

8. Handling Personal Information

The university will handle personal information from applicants as follows based on the Act on the Protection of Personal Information Held by Incorporated Administrative Agencies and the University of Yamanashi University's Regulations on the Protection of Personal Information.

- (1) Personal information provided by the applicants, such as names, addresses and other information, will be used for the following purposes: (a) Selection of applicants (application process, selection), (b) examination result announcement, (c) admission procedures, and (d) statistical studies.
- (2) The examination results used in the selection of applicants will be used to create reference materials on methods for selecting applicants in the future.
- (3) Personal information of enrollees obtained in applications will be used for the following: (a) Academic affairs (student registration, instruction and guidance, etc.), (b) student support (health care, employment support, tuition waivers, scholarship applications, etc.), and (c) collecting tuition.

Please note that in the execution of the above, some tasks may be outsourced to a contractor that has been contracted by the university to carry out these tasks (hereinafter referred to as "contractor"). In this case, the contractor may be provided with all or part of the personal information we have obtained to the extent that it is required to carry out the contracted work.

9. Response to infectious disease regarding the entrance examination

In University of Yamanashi, the examinees who were affected by the infectious disease such as COVID-19/Coronavirus, influenza, measles, and chickenpox, for which suspension of attendance is specified by the School Health and Safety Act, and have not been recovered from it yet must not take the entrance examination due to possibility of infection to other examinees and supervisors on the day of the entrance examination.

In case examinees must not take the entrance examination, special measures such as taking a supplementary examination, reexamination, and examination in a separate room will not be conducted, and their entrance examination fee will not be returned. Therefore, please be fully cautious about managing your physical condition by taking all possible measures so that you can take the entrance examination in perfect condition.

Regarding the response to COVID-19/coronavirus disease, please check the information paper enclosed with your Examination admission slip.

10. Request for Submitting Application Documents (original)

For the successful applicants who submitted documents in electric files with PDF format should submit the Original paper documents as well by the due date mentioned below. Please note that your enrollment and registration may be canceled and deleted, in case that false entry such as falsification is detected in your PDF documents data.

Documents for submission: Documents for eligibility screening and application documents (original)

Submit to: Student counter of Faculty of Engineering Office (2F, A-2, Kofu East Campus)

(8:30 am to 5:15 pm, excluding the lunch time from 12:00 pm to 1:00 pm)

Submission due date: Within a week counting from the first date of attending school

11. Others

- (1) When registering on the online application site, please enter the address and telephone number where you can receive inquiries and notices from the university from the time that you apply until the completion of admission procedures.
 - Please notify the Admission Division, Academic Affairs Support Department promptly if there are any changes to your contact information after you have submitted your application.
- (2) Applicants wishing to obtain a scholarship should contact the Academic Affairs Support Department, Office of Student Support (Phone: 055-220-8053 (from abroad, +81-55-220-8053)), for information after announcement of successful applicants.

Second Call for Applications

(April 2022 and October 2022 Enrollment)

Admission Application Guideline for Applicants with Recommendation

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 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 7 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2022 (or September 2022 for candidates desiring enrollment in October 2022) and be awarded a Bachelor's degree according to the law by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (4) Persons who have completed a course or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022) 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, or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (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 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (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 1:** An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (7). Please contact the Admission Division by October 11 (Monday), 2021.
- **Note 2:** An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please read "3 Preparation before the Application Period" on page 26 of this guideline.

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 within the application period.

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 2021 and April 2022 enrollment) are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81-55-220-8738).)

Applicants will be informed of the results of the examination by October 29 (Friday),2021. If the results of the examination is passed, please be sure to complete the 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 28)
- 7 Copy of Passport or Residence Card (refer to page 28)

[Application Period]

October 11 (Monday) - October 15 (Friday), 2021 5:00 pm (must arrive in the application period)

① Applicants in Japan

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

2 Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

[Notes Regarding Applications]

① Please consult with the academic advisor of your preference before applying.

*Please contact the academic advisor of your preference with sufficient time to spare.

② Please attach the Japanese translation to the certificates written by a foreign language besides English.

(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 10 (Monday), 2021.

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, +81-55-220-8046)

4. Application Procedure

(1) Application Method ** Please refer to "Appendix: Online Application User Guide" on this guideline.

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 application information, etc.

- 2 Pay the entrance examination fee
- ③ Print, complete, and post the application documents (must arrive by the deadline)

(2) 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 only payment method from the foreign countries is a credit card payment. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed.
 - ①Credit card, ②Convenience store, ③ATM of a financial institution (Pay-easy), ④Internet banking
- 2. For all payment methods, transfer fee will be charged separately.
- 3. Once the application documents have been received, the paid entrance examination fee will not be refunded for any reason.

[Exemption from the Entrance Examination Fee]

At the University of Yamanashi, exemptions from paying the examination fee are available to applicants affected by "the Great East Japan Earthquake", "the Kumamoto Earthquake in 2016", "the heavy rain in July 2018", "the Hokkaido Eastern Iburi earthquake in 2018", "2019 Typhoon Faxai", "2019 Typhoon Hagibis", "the regions where the Disaster Relief Act is applied for the disaster which occurred in and after April, 2020" in order for them to secure opportunities to attend university. Applicants who want to apply for this exemption should contact the Admission Division, Academic Affairs Support Department before the start of the application period.

Please check the University of Yamanashi's website (http://www.yamanashi.ac.jp/examination/3787) for details on Application documents for this exemption.

(3) 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.
- · Application documents cannot be returned or changed.
- · If you pass the examination of application requirements, you do not need to send documents submitted at that time.

| NO | Application document | Description | |
|----|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university | 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 | Please submit the "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 November 2019. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination. ① TOEIC Listening & Reading Official Score Report ② TOEIC Listening & Reading IP Score Report ③ TOEFL-iBT Test Taker Score Report ④ TOEFL-iTP Score Report ⑤ INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS) Test Report Form (only Academic module) |
| 8 | Postage Stamp Sticking Paper (for sending examination admission slip) | Applicants in Japan Please tightly affix ¥344 worth of stamps (inclusive of express mail fees) to this paper printed from the application documents print page on "My Page" from the online application site. Please be sure to pay this exact amount. Overseas applicants Do not need to submit this paper. The examination admission slip will be sent to the E-mail address registered on the online application site. |
| 9 | Double-sided copy of Residence Card or Copy of Passport *Non-Japanese applicants only | Applicants who reside in Japan are required to submit a double-sided copy of their Residence Card so that Personal identification, Status of residence and Period of stay can be confirmed. Those who reside in foreign countries are required to submit a copy of page your Passport ID. |
| 10 | Other | If the applicant's name is different on each certificate or document because of a name change, please submit an extract of family register showing the change. |

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

(4) Application Period

November 15 (Monday) - November 22 (Monday), 2021 5:00 pm (must arrive by the deadline)

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

(5) Method for submitting application documents

Please submit your application documents after checking that all documents are in order using the "Application Documents Checklist" from the application documents print page on "My Page" on the online application site.

(1) Applicants in Japan

Please print the Envelope Address Label from the application documents print page on "My Page" on the online application site and affix it to your own Kakugata 2-go size envelope (24cm x 33.2cm).

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

2 Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

The successful applicant who submitted the documents in electric files with PDF format should submit the Original paper documents as well by the due date. For the submission method, please see "10 Request for Submitting Application Documents(original)" on page 40 of this guideline.

(6) 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, +81-55-220-8046)

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

[Notes Regarding Applications]

1. Please consult with the academic advisor of your preference before applying.

*Please contact the academic advisor of your preference with sufficient time to spare.

- 2. Please be careful when preparing your application documents since incomplete documents will not be accepted.
- 3. Once the application documents have been received, the information contained in the application cannot be changed with the exception of the applicant's address or contact information.
- 4. Misrepresentation of any information contained in the application documents may result in the rejection of the application even after enrollment.
- 5. If any points are unclear in the application procedures, please contact the Admission Division, Academic Affairs Support Department.

5. 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. 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.

6. 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 4 (Saturday), 2021

| Course | Time | Type of examination |
|-----------------------------------------|------------------|---------------------|
| Computer Science and Engineering Course | Start at 9:30 am | Oral examination |

(2) Location

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

General Admission Application Guideline

1. Number of Students to be Admitted

| Course or Program | Number of Students to be Admitted |
|-----------------------------------------------------------------------------------|-----------------------------------|
| Mechanical Engineering Course | |
| Electrical and Electronic Engineering Course | |
| Computer Science and Engineering Course | |
| Mechatronics Course | |
| Civil and Environmental Engineering Course | A few |
| 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 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (2) Persons who have been awarded a Bachelor's degree according to Article 104, Paragraph 7 of the School Education Law of Japan, or who are expected to complete an advanced course of junior or technical college by March 2022(or September 2022 for candidates desiring enrollment in October 2022) and be awarded a Bachelor's degree according to the law by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (3) Persons who have completed a 16-year school education program abroad or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (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 2022 (or September 2022 for candidates desiring enrollment in October 2022) 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 or are expected to complete 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 or are expected to be 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 by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (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, or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).
- (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, or are expected to do so by March 2022 (or September 2022 for candidates desiring enrollment in October 2022).

- (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 1:** An examination of application requirements will be conducted in advance for applicants who apply under the conditions of item (9) or (10). Please contact the Admission Division by October 11 (Monday), 2021.
- **Note 2:** An examination of application requirements will be conducted in advance for foreign applicants (overseas students). Please read "3 Preparation before the Application Period" on this page.

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 within the application period.

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 2021 and April 2022 enrollment) are exempted from the examination. Please contact the Office for the Faculty of Engineering Education Group (Phone: 055-220-8738 (from abroad, +81-55-220-8738).)

Applicants will be informed of the results of the examination by October 29 (Friday),2021. If the results of the examination is passed, please be sure to complete the 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 Statement of Purpose (Form 2)*1
- 4 Research Project Plan (Form 3)*1
- 5 TOEIC, TOEFL or IELTS Test Score (refer to page 33)**2
- 6 Copy of Passport or Residence Card (refer to page 33)
- * 1 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)].
- ** 2 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 11 (Monday) – October 15 (Friday), 2021 5:00 pm (must arrive in the application period)

① Applicants in Japan

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

② Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

[Notes Regarding Applications]

- ① Please consult with the academic advisor of your preference before applying.
 - *Please contact the academic advisor of your preference with sufficient time to spare.
- 2 Please attach the Japanese translation to the certificates written by a foreign language besides English.

(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 10 (Monday), 2021.

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, +81-55-220-8046)

4. Application Procedure

(1) Application Method ** Please refer to "Appendix: Online Application User Guide" on this guideline.

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 application information, etc.

- ① Register the application information using the online application site
 - \downarrow
- 2 Pay the entrance examination fee

 \downarrow

- ③ Print, complete, and post the application documents (<u>must arrive by the deadline</u>)
- (2) 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 only payment method from the foreign countries is a credit card payment. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed.
 - ①Credit card, ②Convenience store, ③ATM of a financial institution (Pay-easy), ④Internet banking
- 2. For all payment methods, transfer fee will be charged separately.
- 3. Once the application documents have been received, the paid entrance examination fee will not be refunded for any reason.

[Exemption from the Entrance Examination Fee]

At the University of Yamanashi, exemptions from paying the examination fee are available to applicants affected by "the Great East Japan Earthquake", "the Kumamoto Earthquake in 2016", "the heavy rain in July 2018", "the Hokkaido Eastern Iburi earthquake in 2018", "2019 Typhoon Faxai", "2019 Typhoon Hagibis", "the regions where the Disaster Relief Act is applied for the disaster which occurred in and after April, 2020" in order for them to secure opportunities to attend university. Applicants who want to apply for this exemption should contact the Admission Division, Academic Affairs Support Department before the start of the application period.

Please check the University of Yamanashi's website (http://www.yamanashi.ac.jp/examination/3787) for details on Application documents for this exemption.

(3) 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.
- · Application documents cannot be returned or changed.
- If you pass the examination of application requirements, you do not need to send documents submitted at that time.

| NO | Application document | Description |
|----|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Certificate of (Prospective) Graduation * This is not necessary if you are expected to graduate from our university | 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 *Except Special Educational program for Green Energy Conversion Science And Technology | Submit either of the following documents. The test score is acceptable only if the test was taken after November 2019. If you have not yet obtained those certificates when applying, be sure to bring either of them at the time of the examination. ① TOEIC Listening & Reading Official Score Report ② TOEIC Listening & Reading IP Score Report ③ TOEFL-iBT Test Taker Score Report ④ TOEFL-ITP Score Report ⑤ INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM (IELTS) Test Report Form (only Academic module) |
| 7 | Postage Stamp Sticking Paper (for sending examination admission slip) | Applicants in Japan Please tightly affix ¥344 worth of stamps (inclusive of express mail fees) to this paper printed from the application documents print page on "My Page" from the online application site. Please be sure to pay this exact amount. Overseas applicants Do not need to submit this paper. The examination admission slip will be sent to the E-mail address registered on the online application site. |
| 8 | Double-sided copy of Residence Card or Copy of Passport *Non-Japanese applicants only | Applicants who reside in Japan are required to submit a double-sided copy of Their Residence Card so that Personal identification, Status of residence and Period of stay can be confirmed. Those who reside in foreign countries are required to submit a copy of page your passport ID. |
| 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

(4) Application Period

November 15 (Monday) – November 22 (Monday), 2021 5:00 pm (must arrive by the deadline)

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

(5) Method for submitting application documents

Please submit your application documents after checking that all documents are in order using the "Application Documents Checklist" from the application documents print page on "My Page" on the online application site.

① Applicants in Japan

Please print the Envelope Address Label from the application documents print page on "My Page" on the online application site and affix it to your own Kakugata 2-go size envelope (24cm x 33.2cm).

If sending your application documents by post, please bring them to a post office counter to send by registered express mail and make sure that they will arrive at the university during 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 weekdays during the application period (Except school holidays, public holidays, and between 12:00 pm and 1:00 pm).

② Overseas applicants

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

The successful applicant who submitted the documents in electric files with PDF format should submit the Original paper documents as well by the due date. For the submission method, please see "10 Request for Submitting Application Documents(original)" on page 40 of this guideline.

(6) 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, +81-55-220-8046)

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

[Notes Regarding Applications]

1. Please consult with the academic advisor of your preference before applying.

*Please contact the academic advisor of your preference with sufficient time to spare.

- 2. Please be careful when preparing your application documents since incomplete documents will not be accepted.
- 3. Once the application documents have been received, the information contained in the application cannot be changed with the exception of the applicant's address or contact information.
- 4. Misrepresentation of any information contained in the application documents may result in the rejection of the application even after enrollment.
- 5. If any points are unclear in the application procedures, please contact the Admission Division, Academic Affairs Support Department.

5. 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) It is not permitted to bring a dictionaries or reference books in the examination room.
- (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 a written examination, an oral examination, and examination of their undergraduate or equivalent university academic transcript.

(1) Written examination (mathematics)

Linear Algebra, Calculus, Differential Equations.

(2) Oral examination (10 minutes)

Interview regarding mechanical engineering, etc.

(3) 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.

Written exam questions are presented only in Japanese but can be answered in English. Also, presentations of research plans and following discussions are available in English.

(1) Written examination (specialized subjects: 120 minutes)

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).

Written exam questions are presented only in Japanese but can be answered in English. Presentations of research plans and following discussions can also be made in English.

(1) Written examination (specialized subjects)

Algorithms and data structures, programming.

(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 duration of the oral examination may be shortened, depending on the examination of application documents.

Written exam questions are presented only in Japanese but can be answered in English. Also, the oral examination is available in English.

(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: 5 minutes; interview: 15 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 academic advisor (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 |
|--------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------|------------------------|-----------------------------------------------------|-------|
| 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 |
|-------------------------------------------------------------------------|-------------------------------|-----------------------------------|-----------------------|-------------------------------------------------|-----------------------------|-------|
| Mechanical Engineering Course | (Mathematics) 150 | | Accepted/ Rejected | (Academic Transcript) Accepted / Rejected | 70 | 220 |
| Computer Science and Engineering Course | (Specialized Subjects) 140 | | Accepted/ Rejected | (Academic Transcript) Accepted / Rejected | 40 | 180 |
| Mechatronics Course | (Mathematics) | (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 |

³⁵⁰ points for each (The total is 100 points.)

6. 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 4 (Saturday), 2021

| Course or Program | Time | Type of examination |
|-------------------------------|---------------------|-----------------------------------|
| Madanial Engineering Course | 9:30 am to 10:30 am | Written examination (mathematics) |
| Mechanical Engineering Course | Start at 11:00 am | Oral examination |

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

7. Other

Previous years' examination questions are published on our website (https://www.yamanashi.ac.jp/admission/297).

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 17 (Friday), 2021. The examinee numbers of successful applicants will additionally be published on our website (https://www.yamanashi.ac.jp/en/). **Information regarding results will not be given out over the telephone.**

A letter of acceptance will also be sent to successful applicants.

2. Enrollment Period

Applicants applying in this examination may select a period of enrollment. When applying, select either the April 2022 (First Semester) or October 2022 (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 2022 (Second Semester), please contact the Admission Division.

3. Entrance Procedures

(1) Scheduled enrollment period

| Enrollment Period | Enrollment Applications |
|-------------------------|----------------------------------------------|
| April 2022 Enrollment | March 8 (Tuesday) - March 15 (Tuesday), 2022 |
| October 2022 Enrollment | September 9 (Friday), 2022 |

Notes:

- Applicants will be notified separately of the documents necessary for entrance procedures.
- 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 canceled.
- 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.

4. Tuition

Tuition for the First period for those students enrolling in April 2022 is JPY267,900 (totaling JPY535,800 per year). Tuition for the Second period for those students enrolling in October 2022 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. Admission Fee Exemption System for Successful Applicants with Excellent Academic Achievements

The Division of Engineering master's program recognizes a certain ratio of successful applicants with excellent academic achievements and personality as honor students and exempts him/her from paying an admission fee in full. Successful applicants with recommendation are prioritized.

7. 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, +81-55-220-8730).

[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

8. Handling Personal Information

The university will handle personal information from applicants as follows based on the Act on the Protection of Personal Information Held by Incorporated Administrative Agencies and the University of Yamanashi University's Regulations on the Protection of Personal Information.

- (1) Personal information provided by the applicants, such as names, addresses and other information, will be used for the following purposes: (a) Selection of applicants (application process, selection), (b) examination result announcement, (c) admission procedures, and (d) statistical studies.
- (2) The examination results used in the selection of applicants will be used to create reference materials on methods for selecting applicants in the future.
- (3) Personal information of enrollees obtained in applications will be used for the following: (a) Academic affairs (student registration, instruction and guidance, etc.), (b) student support (health care, employment support, tuition waivers, scholarship applications, etc.), and (c) collecting tuition.

Please note that in the execution of the above, some tasks may be outsourced to a contractor that has been contracted by the university to carry out these tasks (hereinafter referred to as "contractor"). In this case, the contractor may be provided with all or part of the personal information we have obtained to the extent that it is required to carry out the contracted work.

9. Response to infectious disease regarding the entrance examination

In University of Yamanashi, the examinees who were affected by the infectious disease such as COVID-19/Coronavirus, influenza, measles, and chickenpox, for which suspension of attendance is specified by the School Health and Safety Act, and have not been recovered from it yet must not take the entrance examination due to possibility of infection to other examinees and supervisors on the day of the entrance examination.

In case examinees must not take the entrance examination, special measures such as taking a supplementary examination, reexamination, and examination in a separate room will not be conducted, and their entrance examination fee will not be returned. Therefore, please be fully cautious about managing your physical condition by taking all possible measures so that you can take the entrance examination in perfect condition.

Regarding the response to COVID-19/coronavirus disease, please check the information paper enclosed with your Examination admission slip.

10. Request for Submitting Application Documents (original)

For the successful applicants who submitted documents in electric files with PDF format should submit the Original paper documents as well by the due date mentioned below. Please note that your enrollment and registration may be canceled and deleted, in case that false entry such as falsification is detected in your PDF documents data.

Documents for submission: Documents for eligibility screening and application documents (original)

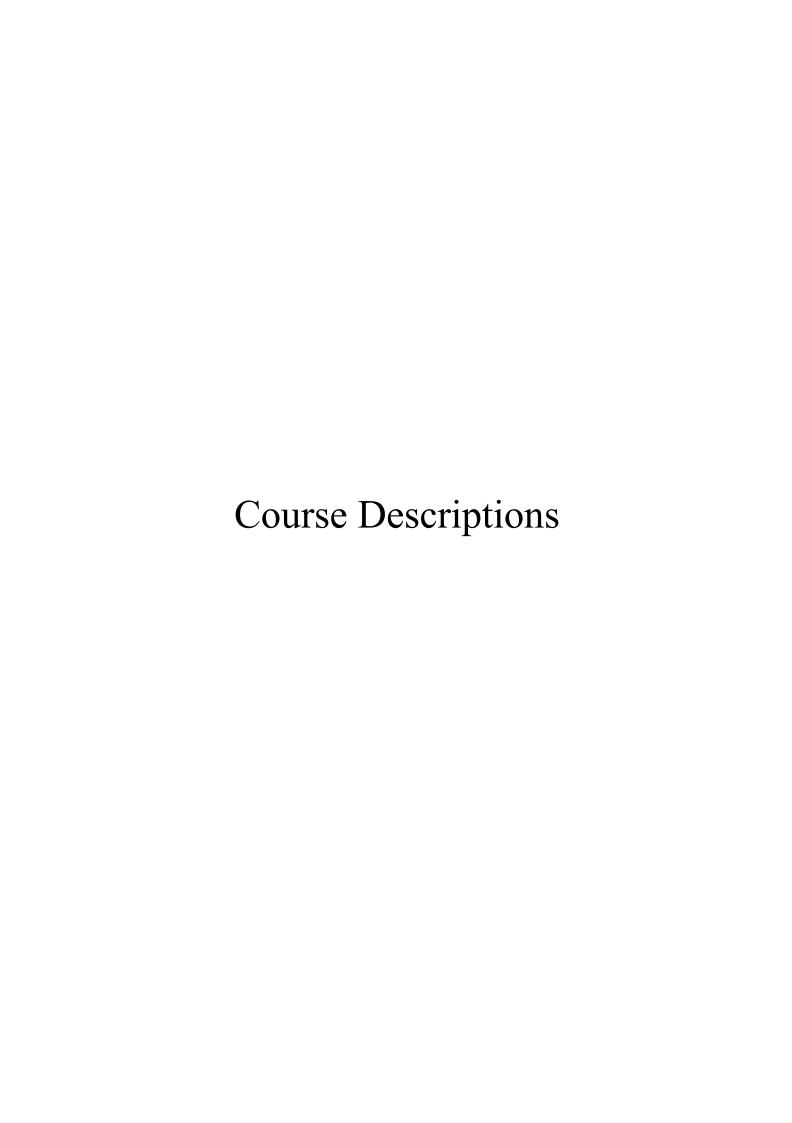
Submit to: Student counter of Faculty of Engineering Office (2F,A-2,Kofu East Campus)

(8:30 am to 5:15 pm, excluding the lunch time from 12:00 pm to 1:00 pm)

Submission due date: Within a week counting from the first date of attending school

11. Others

- (1) When registering on the online application site, please enter the address and telephone number where you can receive inquiries and notices from the university from the time that you apply until the completion of admission procedures.
 - Please notify the Admission Division, Academic Affairs Support Department promptly if there are any changes to your contact information after you have submitted your application.
- (2) Applicants wishing to obtain a scholarship should contact the Academic Affairs Support Department, Office of Student Support (Phone: 055-220-8053 (from abroad, +81-55-220-8053)), for information after announcement of successful applicants.



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 | |
| 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 | Advanced thermal engineering |
| Professor | ITO Yasumi | Medical and welfare engineering, forensic engineering | Advanced mechanical dynamics and control |
| Professor | NODA Yoshiyuki | Analysis and control of dynamical systems | Advanced fluid mechanics |
| Associate Professor | TSUNODA Hiroyuki | Experimental and numerical studies on diffusion of passive scalars in a turbulent flow | |
| Associate Professor | YAMAMOTO Yoshinobu | Computational fluid dynamics, multiphase flow engineering magnetohydrodynamics | Advanced strength of materials |
| Associate Professor | TORIYAMA Koji | Effective use of thermal energy and accelerated methods of numerical simulation using GPU | Advanced material processing |
| Associate Professor | AOYAGI Junichiro | Evaluation and improvement of space propulsion systems | Advanced mechanical materials engineering |
| Associate Professor | HARAMIISHI Yasutake | Machining and profile measurement using image processing | Advanced mechanical systems engineering |
| 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 | |
| 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 | SATO Takahide | Design of Integrated circuit and power supply circuit | |
| Professor | HANAWA Masanori | Optical fiber/wireless communication systems, aptical devices, optical signal processing, medical signal processing | |
| Professor | YANO Koji | Design and fabrication of power semiconductor devices | Advanced optical and acoustic waves engineering |
| Professor | NABETANI Yoichi | Crystal growth and characterization of compound semiconductors | Advanced quantum engineering |
| Associate Professor | UNO Kazuyuki | Laser device, laser processing and laser medicine, discharge plasma and pulse power technology | Advanced electronic device engineering |
| Associate Professor | ONOJIMA Norio | Fabrication of high-performance organic transistors and organic solar cells | Advanced crystal engineering |
| Associate Professor | SHIRAKI Ichiro | Physical property measurements and structure analysis of nanomaterials by scanning probe microscopy | Advanced signal and systems engineering |
| Associate Professor | SEKIYA Naoto | Development of superconducting high frequency devices | Advanced electronic circuits engineering |
| Associate Professor | CHEN Lee Chuin | Development of new ionization methods for mass spectrometry | Advanced measuring engineering |
| Associate Professor | NINOMIYA Satoshi | Development of novel ion beams for surface analysis | Advanced electrical power engineering |
| Associate Professor | HONMA Satoshi | Development and application of optical functional devices, optical switches and memory | Advanced power semiconductor modules engineering |
| Associate Professor | MURANAKA Tsutomu | Design, growth, fabrication, and characterization of semiconductor nanostructures for applications in nanoelectronics | the state of the s |
| Assistant Professor | SUZUKI Masashi | Growth and characterization of piezoelectric thin films for applications in acoustic wave devices | |
| 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

| S | Supervisors | Main topics of research | Leading subjects |
|---------------------|---------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------|
| Professor | IWANUMA Koji | Discrete data mining, automated theorem proving, artificial intelligence | |
| 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 | Large-scale discrete structure processing |
| Professor | TAKAHASHI Masakazu | Software engineering, reliable software | Parallel computing |
| Professor | FUKUMOTO Fumiyo | Natural language processing, computational linguistics, information retrieval | Software engineering |
| Professor | HATTORI Motonobu | Neural networks | Machine learning |
| Professor | MAO Xiaoyang | Image processing, computer graphics, virtual reality/augment reality, visualization | |
| Professor | WATANABE Yoshimichi | Software development techniques | User-centered design methodology |
| Associate Professor | ANDOH Hidetoshi | Distributed and collaborative systems, interactive multimedia technology | Digital speech processing |
| Associate Professor | OMATA Masaki | Human-computer interaction | Natural language and image media processing |
| Associate Professor | KINOSHITA Yuichiro | Affective information processing, human-computer interaction | Computer vision |
| Associate Professor | SUZUKI Tomohiro | High-performance computing | |
| Associate Professor | TOYOURA Masahiro | Image and video processing, design by AI and IoT |] |
| Associate Professor | NABESHIMA Hidetomo | Artificial intelligence, knowledge representation and reasoning, constraint satisfaction systems | |

• Mechatronics Course

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

• Civil and Environmental Engineering Course

| Courses | Suj | pervisors | Main topics of research | Leading subjects | | | |
|------------------------|---------------------|------------------|---------------------------------------------------------------------------------|---------------------------------------------------|--|--|--|
| | Professor | KANEKO Hidehiro | Bio-waste treatment, ecotoxicity evaluation of solid waste | | | | |
| | 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 | | | | |
| Civil | Professor | KOSUDA Masashi | Study on data science for logistics | | | | |
| Management Engineering | Professor | MUTO Shinichi | Projects and public policy evaluation of urban planning | Disaster management and engineering | | | |
| Linguicering | Associate Professor | GOTO Satoshi | Geotechnical engineering for disaster mitigation and rehabilitation | Continuum mechanics of solids for civil engineers | | | |
| | Associate Professor | ISHII Nobuyuki | Landscape design, aesthetical structure design, and urban planning and design | Infrastructure maintenance engineering | | | |
| | Associate Professor | HADA Yasunori | Measures and strategies for disaster risk reduction and a resilient society | Environmental preservation engineering | | | |
| | Associate Professor | YOSHIDA Junji | Dynamics of structures, mechanics of solids and health monitoring of structures | Practical urban planning | | | |
| | Associate Professor | MIYAMOTO Takashi | Earthquake engineering and application of data science | | | | |
| | Associate Professor | YAMAURA Kota | Representation theory of algebras | | | | |
| | Assistant Professor | OTSUKI Kazuaki | River and watershed management, Green infrastructure | | | | |
| | Assistant Professor | SATO Kennosuke | Materials science of cement and concrete | | | | |
| | Assistant Professor | MIYAHARA Hiroki | Noncommutative noetherian rings | | | | |

• Applied Chemistry Course

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

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 | |
| 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 | WATAUCHI Satoshi | Development of techniques for crystal growth using infrared convergent heating systems | |
| Associate Professor | ARIMOTO Keisuke | Electronic properties of group IV semiconductor heterostructures | Advanced condensed matter physics |
| Associate Professor | ISHIKAWA Akira | Theory of quantum optics in open nanosystems | Advanced quantum devices |
| Associate Professor | IJIMA Kaoru | Surface science | • |
| Associate Professor | UCHIYAMA Kazuharu | Scanning probe microscopy for development of nano-optoelectronic functional device | Advanced photonics |
| Associate Professor | OGAWA Kazuya | Optical functional organic materials | Lectures on advanced electronics |
| Associate Professor | KATOH Hatsuhiro | Physics and technologies for designing electronic devices | Advanced functional materials |
| Associate Professor | SAKAI Masaru | Nanophotonics, optical properties of nanomaterials | Advanced quantum material science |
| Associate Professor | SATO Tetsuya | Low temperature synthesis and application of functional thin films by plasma excitation of condensed gas layer | Structure and chemistry of crystalline solids |
| Associate Professor | SYOUJI Atsushi | Optical properties of condensed matter and semiconductors | |
| Associate Professor | NAGAO Masanori | Single crystal growth and characterization of superconducting (and functional) materials | |
| 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 | |
| Assistant Professor | NORITAKE Fumiya. | Molecular simulations of oxides | |
| Assistant Professor | HARA Kosuke | Thin film growth and photovoltaic applications of silicide-related semiconductors | |

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 | NISHIDA Kei | Environmental modelling for wellbeing and sustainable development system | International Partnership | |
| Professor | Professor ISHIDAIRA Hiroshi Development of Hydrological model. Hydrology in Cryosphere | | Environmental Statistics | |
| Professor | HARAMOTO Eiji | Fate of health-related water microorganisms in aquatic environments | Geographic Information Systems | |
| Professor | TOYAMA Tadashi | Environmental purification, waste/wastewater treatment, re-production of energy/material from waste/wastewater | Life and Health River Basin Planning and Design | |
| Associate Professor | SOUMA Kazuyoshi | Meteorological and hydrological modeling, including human activities/prediction of water disasters | Advanced Hydraulics and Hydrology | |
| Associate Professor | MAGOME Jun | Modeling, remote sensing and geographical analysis in hydrology and water resources | Advanced Water Quality Assessment | |
| Assistant Professor | NAKAMURA Takashi | Hydrological analysis and water quality assessment using environmental isotopes | Advanced Environmental Treatment Technology | |

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

| | Supervisors | Main topics of research | Leading subjects |
|------------------------|-----------------------|------------------------------------------------------------------------------------|------------------------------------------------------------|
| 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 | IIYAMA Akihiro | Polymer electrolyte fuel cells for advanced vehicles | |
| Research Professor | KAKINUMA Katsuyoshi | Synthesis and analysis of nanomaterials for fuel cells | |
| Associate Professor | KUZUME Akiyoshi | Analysis of nano-interfacial electrochemistry | |
| Associate Professor | MIYAKE Junpei | Design of polymer electrolytes for fuel cells | Advanced course in materials design for fuel cells |
| Professor | IRIE Hiroshi | Creation and evaluation of solar energy conversion and environmental materials | Advanced physical chemistry |
| Professor | Pessor YANAGI Hiroshi | Synthesis and characterization of oxide semiconductors for solar energy conversion | Advanced inorganic chemistry |
| Associate Professor | TAKASHIMA Toshihiro | Design of multi-electron transfer catalysts for artificial photosynthesis | Advanced materials chemistry |
| Professor | WADA Satoshi | Creation and characterization of environmentally compatible piezoelectric ceramics | Advanced course in engineering for solar energy conversion |
| Professor | TANAKA Isao | Growth and creation of new functions of functional material single crystals | Advanced course in polymer materials chemistry |
| Professor | KUMADA Nobuhiro | Synthesis and characterization of new inorganic compounds | Advanced course in surface and interface science |
| Professor | OKUZAKI Hidenori | Plastic electronics with conductive polymers | |
| Professor | INUKAI Junji | Analysis of surface structure and electronic state of energy conversion materials | |
| 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.

クリスタル科学研究センタ University of Yamanashi, Kofu Campus (Kofu East Campus) (甲府東キャンパス) B-2号館 B-3号館 A-2号館 B-1号館 A-1号館 田原公民中八本 工業会館 Takeda St. To Takeda Shrine 開脳田澤邦 中央東門 To Kofu Station 正門 至甲府駅 中央西門 Bus Stop (Kofu West Campus) (甲府西キャンパス) 厚生会館 大学本部棟 教育実践 Integrated Research Building, 2nd Floor 総合研究棟2階 S 1号館 図書館 Admission Division 教学支援部入試課 し号館の棟 件部環境 件部等 淡葉 S 2 号館 000000 S 3号館 L号館 A棟 L-号館 B 標 黄草 附属特別支援学校

クリーンエネルギー研究センター

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 at platform2 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.

Online Application User Guide

Applicants must complete "Register the application information", "Pay the entrance examination fee" and "Print out, complete, and submit the application documents" using the online application site during the application period.

Please note that we cannot accept the application if any one of these procedures has not been completed by the application deadline.



Advance Preparation for Online Application

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.

2Accessible 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.

3Printer 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 stamp

You will need an envelope to send your application documents. Please purchase a stamp (exact amount). *Not required for overseas applicants.

6Photo

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).





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.



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.



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



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 credit card, 2 Convenience stores, 3 ATMs at financial institutions (Pay-easy), 1 Internet banking) and pay the entrance examination fee. Depending on the method of payment other than using credit cards, it may take about two hours for your payment to be confirmed.

* The payment method of the one to apply from the foreign countries is only a credit card.



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".n period.

Please send the required documents in electric files with PDF format to the Admission division by E-mail (web-nyushi-tr@yamanashi.ac.jp) during the application period.

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

Designated Forms (Form 1~Form 4)

| Examinee | * |
|----------|---|
| No. | |

(Signature and Seal)

LETTER OF RECOMMENDATION

To the President of the University of Yamanashi Graduated from Expected to graduate from (Circle One of the Above) (Name of University, Department, and Major) (Month and Year) Full Name: Middle First Observations and Reason for Recommendation I hereby recommend the student. (Day, Month and Year) Reference's Position:

- Note 1: It is acceptable to write on the reverse side if necessary.
- Note 2: If you have graduated or are expected to graduate from our university, "Observations and Reason for Recommendation" is omissible.
- Note 3: The blank marked is to be filled in by the Admission Division.

Reference's Name:

STATEMENT OF PURPOSE

| Examinee No. | * | Name | | Notes | |
|-----------------|-----------------------------|-----------|----------------|-------|--|
| Make a State | ement of Purpose based on t | this form | on a computer. | | |
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Note: The blank marked % is to be filled in by the Admission Division.

RESEARCH PROJECT PLAN

| Examinee No. | Name | Notes |
|--------------|------|-------|
|--------------|------|-------|

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 your present study and your research plan after enrollment.

[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.

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

RESEARCH PROJECT PLAN

| Examinee No. | Name | Notes | |
|--------------|------|-------|--|
|--------------|------|-------|--|

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 your present study and your research plan 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.

Note: The blank marked *\sis to be filled in by the Admission Division.

2022

Examination Form for the Approval of Application Requirements

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

| | | | | ※ E: | xaminee No. | |
|--------------------------------------------------|----------------------------------------|------------|-------------|---------------|---------------|---|
| | | | | | | |
| Name | (FAMILY) (MID | DLE) | (FIRST) | | Male / Female | ; |
| Date of Birth | (YEAR) (MON | VTH) | (DAY) | | Age: | |
| Nationality | | | | | | |
| Classification | First Call for Applica | tion | Se | cond Call for | Application | |
| Selection | Admission for Applic with Recommendati | ants on | | General Ad | mission | |
| Desired Course or Program | | | | | | |
| Name of Academic Advisor | | | | | | |
| | Address: | | | | | |
| Contact Information | E-mail: | @ | } | | | |
| | Phone No.: | | Mobile P | hone No.: | | |
| University Education | (UNIVERSITY) | (DEPARTMI | ENT) | (MAJO | R) | |
| Classification of University (Circle One) | National | Pi | rivate | Othe | er () | |
| Date of Graduation / Expected Date of Graduation | (MONTH AND YEAR) | | | | | |
| Desired Enrollment Date | First Call for Application | Octol | ober 2021 A | | April 2022 | |
| (Circle one) | Second Call for Application | April 2022 | | | October 2022 | |

[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.

| | | RESUME | | | | |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------|------|---|--|
| Section | Description | | | | | |
| | Primary Education (Elementary School) | Period required for graduation From (Month/Year) | ~ To (Month/Year) | | | |
| | Lower Secondary Education (Middle School / Junior High School) | Name and Location of School Period required for graduation From (Month/Year) Name and Location of School | ~ To (Month/Year) | | | |
| Educational History Describe your educational | Upper Secondary Education ((Senior) High School) | Period required for graduation From (Month/Year) | ~ To (Month/Year) | | | |
| history from elementary on. If you attended a university, etc., as a research student, | Tertiary (Higher) Education (University / College) | Name and Location of School Period required for graduation From (Month/Year) | ~ To (Month/Year) | | | |
| indicate that period as well. | | Name and Location of School Period required for graduation From (Month/Year) Name and Location of School | ~ To (Month/Year) | | | |
| | From | Period required for graduation From (Month/Year) Name of Employer, Type of Work, Positi | ~ To (Month/Year) | | | |
| | From To | Name of Employer, Type of Work, Positi | on, etc. | | | |
| Occupational History | From To | Name of Employer, Type of Work, Positi | on, etc. | | | |
| | From To | Name of Employer, Type of Work, Positi | | | | |
| | From To Month Year | Name of Employer, Type of Work, Positi | on, etc. | | | |
| Qualifications or Licenses | Month Year | | | (No. | | |
| Awards/Dis | sciplinary Actions | | | (No. |) | |

- Note 1 : Please be sure to write including the expected graduation date or expected complete date in the Educational History section on the form.
- 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.