※If there should be any disparity of contents between English and Japanese original description, the Japanese description has priority over the English one.

Admission Policy for Mie University Graduate School of Engineering Doctoral Course

○ Qualities developed in Doctoral Course

Graduate School of Engineering, Doctoral Course has two divisions; Materials Science and Systems Engineering. We aim to contribute to the development and welfare of the local and international community. Through advanced and specialized research of engineering based on interdisciplinary, creative, and comprehensive perspective, we develop researchers and highly skilled engineers who are able to play leading roles in the society.

○ Qualities desired in students

① We welcome students who are highly motivated and aspiring to become advanced researchers or highly skilled engineers to be able to play leading roles in the society.

② We welcome students with high academic skill and research capability necessary for advanced engineering research, and with the ability of practice, application and creativeness necessary for learning specialized knowledge and technical skill.

Entrance Examination of Mie University Graduate School of Engineering Doctoral Course

We have three types of entrance examination for the selection of examinees; General Selection, Special Selection for Continuing Education Students, and Special Selection for Foreign Students. Our purpose is to further activate our research and education by accepting various types of students; those willing to develop and apply the research they have attained in Master's Course and to achieve higher and more specialized research, those willing to pursue advanced and specialized research activity after their experience at companies, public offices, or research institutions, and those aspiring to contribute to their home countries or international community through gaining highly advanced knowledge and skills in Japan which is a technologically advanced nation.

Qualifications for application and the selection methods vary according to the type of selection. Please refer to this guideline for detailed information.

School Year of 2021 (Entrance in April, 2021)

Application Guidelines for Mie University Graduate School of Engineering Doctoral Course

Ⅰ. Fields of Study and Authorized Student Enrollments by Each Selection

Division	Laboratory	Enrollment Limit	Enrollment Limit by Each Selection		
			General	Continuing Education Students	Foreign Students
Materials Science	Materials Physics	6	6	A few	A few
	Materials Chemistry				
Systems Engineering	Electrical and Information Systems	10	6	4	A few
	Design System				
	Recycling System Design				
Total		16	12	4	A few

Ⅱ. Qualifications for Application

Qualifications for application vary according to the sorts of selection. Please make sure the qualifications for application of the selection that you would apply. Please note that the application shall not be accepted even if it is submitted in the case that the qualifications are not satisfied.

○General Selection

Those who fall under any of the following ①～⑧.

○Special Selection for Continuing Education Students

Those who have experience working as a regular staff for a company, government

agency, research organization or other organization more than one year. In the case that they hope to enter the course while working, they have to be allowed by the supervisor of the section they belong to in the company or any other person equivalent thereto. They shall fall under any of the following ①～⑧.

○Special Selection for Foreign Students

Those who have already obtained or expected to obtain the status of residence as "a student studying abroad" provided by Immigration Control and Refugee Recognition Act (Those who do not have Japanese nationality) and fall under any of the following ①～⑧.

①Those who have obtained a master's degree or professional degree (This is a professional degree provided in Ordinance of the Ministry of Education No.5-2 of 1953. The same hereinafter.) or be expected to obtain a master's degree or professional degree by March 31, 2021.

②Those who have successfully obtained a degree equivalent to a master's degree or professional degree at a university or college abroad, or be expected to obtain such a degree by March 31, 2021.

③Those who have completed, in Japan, the corresponding course of an overseas educational institution and have successfully obtained the equivalent of a master's degree or professional degree or be expected to obtain such degree by March 31, 2021.

④Those who have obtained a master's degree or a degree equivalent to a professional degree, or be expected to obtain one by March 31, 2021, after completing a course at an educational institution in Japan which is recognized by his/her country as having a graduate course and which is deemed eligible by the Japanese Ministry of Education, Culture, Sports, Science, and Technology.

⑤Those who have successfully completed a course at United Nations University and obtained a degree equivalent to a master's degree, or expected to complete a course and obtain such a degree by March 31, 2021. (Enforcement Regulation 156-4)

⑥ Those who have completed educational curriculum at foreign universities, educational institutions corresponding to ④, or United Nations University, have passed the examination provided in Article 16-2 of the Standards for Establishment of Graduate Schools or the correspondent screenings, and are deemed to have academic ability equal to or higher than a master's degree holder.

⑦Those who are specified by the Minister of Education, Culture, Sports, Science and Technology (Ministerial Announcement No.118, Ministry of Education, Culture, Sports, Science and Technology, 1989)

⑧Those who are deemed by the Graduate School of Engineering at Mie University to have academic ability equal to or higher than a master's degree holder or professional degree holder, based on submitted documents and older than 24 years old as of March 31, 2021.

Notes

1. Those who apply on qualifications ⑦ or ⑧ are required to have the screening for entrance qualification in advance. See "Ⅶ. Screening for Entrance Qualification".
2. Those who have not obtained the status of residence as "a student studying abroad" cannot apply for any scholarship or dormitory intended for international students (those who have the status of residence as "a student studying abroad") even if they passed the Special Selection for Foreign Students and entered the university.

Ⅲ. Application Procedure

(1) Application Period

July 22 (wed.) – 17:00 p.m. (Japan Standard Time), July 30 (Thu.), 2020 (Applications must be received within this period.)

(2) Method of Submission

Applicants shall submit the following documents within the application period by mail or by hand to the Student Affairs Office in the Graduate School of Engineering Team, Mie University. Please note that the required documents vary according to the sorts of selection.

<Application Documents>

【Application Documents for All Applicants】

Documents		Notes
a	Application Form for Admission	【the form provided by the Graduate School of Engineering】 See the guide for completing on the back side of application form when you fill in. Attach the "certificate of remittance" stamped by banking institution to the designated area with paste not to come off.
b	Picture Card, Examination	【the form provided by the Graduate School of Engineering】

	Admission Card	Attach picture to the designated area with paste not to come off. The picture should be taken within three months with the size of 4cm×3cm; no background, no hat, front view.
c	Application Fee	30,000yen (A transfer fee will be added.) Be sure to read **【Payment Procedure】** and **【Notes】** on the transfer form when you transfer the fee. ***Note 1** **Those who continue to study in the Graduate School after the completion of Master's course in Mie University do not have to pay.** ***Note 2** **Overseas students sponsored by Japanese government (Ministry of Education, Culture, Sports, Science, and Technology) do not have to pay.** ***Note 3** **Those who live outside Japan and cannot use the transfer request form for application fee provided by Mie University shall see "Ⅱ. Payment Procedure of Application Fee from Abroad."**
d	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
e	Certificate of Master's Degree (or That of Near Completion of the Present Course)	Certificate of master's degree provided by the graduate school where the applicant graduated from. (Those who complete or are expected to complete the Graduate School of Engineering at Mie University do not have to submit.) *Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
f	Academic Transcript of Undergraduate Course	Academic Transcript should be authorized and confidentially sealed by the university where the applicant from. *Those who have completed universities in foreign countries shall attach the transcript written in English or its English translation.
g	Academic	Academic Transcript should be authorized and

	Transcript of Master's Course	confidentially sealed by the university where the applicant from. *Those who have completed graduate schools in foreign countries shall attach the transcript written in English or its English translation.
h	Abstract of Master's Thesis	【the form provided by the Graduate School of Engineering】 Those who are expected to complete the master's course shall fill in the title of master's thesis (those who apply with applicant qualification ⑥shall fill in the current research theme) and summarize the advancement of the research in 1,000 letters (500 words in English). Those who have separated print of related papers, academic lectures or patents shall attach the photocopies of them.
i	Research Plan	【the form provided by the Graduate School of Engineering】 Fill in the purpose and plan for the research theme or research field you wish to deal with in 1,200 letters (600 words in English).
j	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】 Those who have academic attainments except for the works related to the master's thesis shall fill in the past job contents and attach a list of published papers and photocopies of separate print of the papers.
k	Confirmation (Proof) Documents of Passing the Screening Corresponding to Applicant Qualification ⑥	Please submit a document prepared and subscribed by the President of the university where the applicant graduates from including the following contents. 【Example of Form】 We, □□ University, confirm and report that our student, Mr. / Ms. ○○○○, passed "(the name of screening)" and has academic ability equal to or higher than a master's degree holder. The following documents on concerned screening are enclosed. 【Example of Attachments】 ・Acceptance criteria of concerned screening.

		・Document that shows the relevance of the acceptance criteria of concerned screening to the requirements for conferment of master's degree in the university. ・Document that shows the relevant treatment of following people in the doctoral program in the university: those who passed certain screening and those who transferred to the university with master's degree of other university. *Only those who apply with application qualification ⑥ shall submit these documents.
	Medical Certification	【Example of Form】 http://www.eng.mie-u.ac.jp/admission/graduate/ Please submit only those who live abroad at the time of filing and who are coming to Japan for examination.

【Application Document Only for Applicants of General Selection】

Document		Notes
L	Official Score Certificate of TOEIC Test	Only those who wish to be evaluated by the score of TOEIC Test shall submit this document. For more detail, please refer to ＜How to evaluate applicant's English ability by TOEIC Test＞

【Application Document Only for Applicants of Special Selection for Continuing Education Students】

Document		Notes
m	Consent for Examination	【the form provided by the Graduate School of Engineering】 It must be filled and stamped by the employer or the one equivalent to the employer. Only those who are in service (except self-owned business) and wish to continue to work after the entrance of the Graduate School of Engineering must submit this document.

【Application Documents Only for Applicants of Special Selection for Foreign Students】

Documents		Notes
n	Document Which Can Certify His /Her Nationality and Status of Residence	Photocopy of passport and photocopy of resident card or certificate of items stated in resident register. (Those who live outside Japan have no use for submitting photocopy of resident card or certificate of items in resident register.)
o	Document Which Can Certify the Status of Government-Sponsored Overseas Students	Document provided by the graduate school where the applicant from. (Those who belong to the Graduate School of Engineering at Mie University do not have to submit.) Only foreign students sponsored by Japanese government (Ministry of Education, Culture, Sports, Science, and Technology) shall submit this document.

(3) Notes on Application

① Please note that the application period and the application documents vary according to the sorts of selection.

②When mailing the application documents, be sure to send them as **registered mail**.

The application documents that arrive after the application period will not be accepted.

③If the application documents are brought by hand, they will be accepted between 9:00 and 17:00 on weekdays during the application period.

④Application by telephone, FAX, and e-mail will not be accepted.

⑤The contents of the application documents cannot be altered once the application documents have been submitted.

⑥Once the application fee has been paid, it is not refundable except in the following cases：

a. The applicant has not submitted the application documents or the application documents have not been accepted because of the applicant's ineligibility for application.

b. The applicant has paid the application fee twice by mistake.

⑦The application documents that have already been submitted in the Screening for Entrance Qualification and the Screening for Exemption of Oral Examination and Interview need not be submitted.

⑧The applicants for the Special Selection for Foreign Students who currently enroll in Mie University as students or research students need not submit the application

documents o and p.

⑨Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain a consent to accept you. In case of that you have already done so before the application of the Screening for Exemption of Oral Examination and Interview, you need not do so.

Ⅳ. Selection Method and Procedure

(1) Selection Method

Name of Selection	Selection Method
General Selection	Selection will be done in a comprehensive manner based on the results of achievement test (English), oral examination, interview, and documentary examination.
Special Selection for Continuing Education Students	Selection will be done in a comprehensive manner based on the results of an oral examination, interview, and documentary examination.
Special Selection for Foreign Students	Selection will be done in a comprehensive manner based on the results of an oral examination, interview, and documentary examination.

※If you live outside Japan and wish to apply for the Screening for Exemption of Oral Examination and Interview, please refer to Ⅷ. Screening for Exemption of Oral Examination and Interview for applicants outside Japan.

(2) Contents of the Examination

・Achievement Test: English

※Applicants may choose either to take a paper test (English) or to submit the Official Score Certificate of TOEIC Test (Test of English for International Communication). Those wishing to submit TOEIC score need to submit the Official Score Certificate of TOEIC Test with application documents. For details, please refer to ＜How to evaluate applicant's English ability by TOEIC Test＞.

・Oral Examination: Contents of the examination will cover the applicant's knowledge on the research field, contents of master's thesis (or advancement of master's thesis for applicants who are expected to complete the master's course), record of academic attainment, and research plan.

(3) Date and Place of Examination

Name of Selection	Selection Method	Date	Place
General Selection	Paper Test(English)	August 25 (Tue.), 2020	Graduate School of Engineering, Mie University
	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu), 2020	
Special Selection for Continuing Education Students	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu.), 2020	
Special Selection for Foreign Students	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu.), 2020	

Note: Examination date and designated time and place will be notified to applicants with the examination admission card.

＜How to evaluate applicant's English ability by TOEIC Test＞

Evaluation of English ability of applicants for Mie University Graduate School of Engineering Doctoral Course who submit the Official Score Certificate of TOEIC Test shall be made by the score. If you wish to be evaluated by the TOEIC Test score, please take the TOEIC Test and submit the Official Score Certificate sent from TOEIC Test Operation Center with other application documents.

Those who wish to take paper test (English) need not submit the score.

Document to be submitted	Note
Official Score Certificate	Official Score Certificate shall be that of TOEIC Test taken within two years before the due date for application submission. It shall be the one sent from TOEIC Test Operation Center and a photocopy shall not

	be accepted. ※The one without a photo of the applicant might not be accepted. Be sure not to lose the admission ticket for the TOEIC Test.

Notes:

1. Only the Official Score Certificate of TOEIC Test taken within two years before the due date for application submission is to be evaluated. Score of TOEIC Test taken more than two years before the due date for application submission date and that of group application (Institutional Program and College TOEIC) shall not be evaluated. Also, that of TOEIC Speaking and Writing Tests and TOEIC Bridge shall not be evaluated.
2. In case of taking TOEIC Test more than once, choose one Official Score Certificate to submit.
3. Please bear the fee for taking TOEIC Test with yourself.
4. In case that the submission of Official Score Certificate is not possible due to its defacement or loss, please contact Student Affairs Team in the Graduate School of Engineering, Mie University before the submission.
5. For details of TOEIC Test, please contact TOEIC Test Operation Center or refer to TOEIC official home page 【http://www.iibc-global.org/】.

Ⅴ. Announcement of Selection Result

(1) Date

September 11(Fri.), 2020 around 10:00 a.m. (Japan Standard Time)

(2) Announcement Procedure

The examinee numbers of successful applicants will be posted on the notice board of the Faculty of Engineering, Mie University, and each successful applicant will receive a formal notification by mail.

The list of the examinee numbers of successful applicants will be displayed on the website of the Faculty/Graduate School of Engineering, Mie University. 【http://www.eng.mie-u.ac.jp/】

Period of posting: One week from the announcement

(3) Notes on the announcement

①No inquiry will be accepted by telephone or other means.

②The list of the examinee numbers of successful applicants displayed on the website is a part of information service by Mie University. Please note that the formal notification is given by the posting on the notice board and the mail to each successful applicant.

Ⅵ. Enrollment Procedure

(1)Period of enrollment procedure: Late March, 2021 (scheduled)

(2)Entrance Fee and Tuition

①Entrance fee: ¥282,000 (subject to change)

②Tuition: ¥260,400 for first semester (subject to change)

¥520,800 for the year (subject to change)

Notes

1. Details for the enrollment procedure will be given in the "Guideline for the Enrollment Procedure" which is to be sent in late March, 2021.
2. The entrance fee and the tuition may be revised.
3. In the case that the tuition is revised, the new amount will be applied.
4. Those who wish to receive an exemption or postponement for the payment of entrance fee or tuition need to notify it before the payment. (Please refer to the "Guideline for the Enrollment Procedure" or ask to the tuition exemption office in the student service team, Educational Affairs Office.)
5. The Graduate School of Engineering, Mie University has set up the Register Extending System for the students who are in employment and work on education and research.

Ⅶ. Screening for Entrance Qualification

Those who apply on qualifications ⑦ or ⑧ in the Qualifications of Application are required to have the screening for entrance qualification in advance according to the following procedure.

(1) Application Period

june 22 (Mon.) – 17:00 p.m. (Japan Standard Time), June 30 (Tue), 2020 (Application

documents must be received within this period.)

(2) How to Apply

Please apply by mail or in person the following Screening for Entrance Qualification Documents to the Student Affairs Office in the Graduate School of Engineering Team, Mie University.

＜Screening for Entrance Qualification Documents＞

	Documents	Notes
a	Application form of the Screening for Entrance Qualification	【the form provided by the Graduate School of Engineering】
b	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
c	Certificate of Diploma(Degree) of the Last School Attended	The form designated by the last school attended ※Those who graduated from foreign schools shall attach the certificate written in English or its English translation.
d	Academic Transcript of the Last School Attended	Academic Transcript should be authorized and confidentially sealed by the last school attended. ※Those who graduated from foreign schools shall attach the transcript written in English or its English translation.
e	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】Please fill in the research history and academic attainment (published papers, reports, record of activities, license obtained and others).
f	Separate Prints of Academic Papers	Materials on the research history and academic attainment (published papers, reports, record of activities, license obtained and others) stated in

		the Record of Academic Attainment

(3) Notes on the Application

①Please request “the form provided by the Graduate School of Engineering” to the Student Affairs Office in the Graduate School of Engineering Team, Mie University.

②When mailing the documents, be sure to send them as **registered mail**.

The application documents that arrive after the application period will not be accepted.

③If the documents are brought in person, they will be accepted between 9:00 and 17:00 (Japan Standard Time) on weekdays during the application period.

④Application by telephone, FAX, and e-mail will not be accepted.

⑤The contents of the documents cannot be altered once the documents have been submitted.

⑥In case of applying for both the Screening for Exemption of Oral Examination and Interview and the Screening for Entrance Qualification, b. Curriculum Vitae, e. Record of Academic Attainment, and f. Separate Prints of Academic Papers need not be submitted.

⑦Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain a consent to accept you. In case that you have already done so before the application of the Screening for Exemption of Oral Examination and Interview, you need not do so.

(4) Screening for Entrance Qualification and Screening Result

① Those specified by the Minister of Education, Culture, Sports, Science and Technology, as described in qualification ⑦, are those who fall under one of the following conditions A or B and satisfy the condition C.

A. The individuals who have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic abilities deemed equal to or higher than those of someone with a master’s degree.

B. The individuals who have either completed 16 years of educational courses abroad or have completed 16 years of courses through correspondence with foreign schools while in Japan, and then have graduated from university, spent a minimum two years

engaged in research at a university or research laboratory, and through that effort have acquired academic skills deemed equal to or higher than those of someone with a master's degree.

C. Those with research achievements in the form of books, academic papers, academic lectures, academic reports, and patents deemed equal or superior to the master's thesis.

②Those who are deemed by the Graduate School of Engineering at Mie University to have academic ability equal to or higher than a master's degree holder or professional degree holder, specified by the qualification ⑧, are those who fall under one of the following conditions A or B.

A. The individuals who have graduated from junior college, technical college, vocational school, and miscellaneous educational institutions not obtaining bachelor's degree and who are deemed to have academic abilities equal to or higher than those of someone with a master's degree.

B. The individuals who fall under one of the following conditions Ⅰ or Ⅱ and satisfy the condition Ⅲ.

Ⅰ The individuals who have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic abilities deemed equal to or higher than those of someone with a master's degree.

Ⅱ The individuals who have either completed 16 years of educational courses abroad or have completed 16 years of courses through correspondence with foreign schools while in Japan, and then have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic skills deemed equal to or higher than those of someone with a master's degree.

Ⅲ Those with research achievements in the form of books, academic papers, academic lectures, academic reports, and patents deemed equal or superior to the master's thesis.

③Result of the Screening for Entrance Qualification will be sent to the applicants living in Japan by express mail and those living outside Japan by e-mail and EMS (Express Mail Service) after Tuesday, July 10, 2020.

(5) Application Procedure after Passing the Screening for Entrance Qualification

①Those who pass the Screening for Entrance Qualification may proceed to the application procedure for the selection by referring to the guideline sent with the result of the Screening for Entrance Qualification and Ⅲ. Application Procedure.

②Those applying for Special Selection for Continuing Education Students and Special Selection for Foreign Students need to satisfy the qualifications for each selection. Otherwise, the application documents shall not be accepted even if these are submitted.

③The application documents that have already been submitted in the Screening for Entrance Qualification need not be submitted.

④In case that those who have passed the Screening for Entrance Qualification are not able to take the examination or fail the examination, the results of their Screening for Entrance Qualification are valid only for the examination of the coming year.

Ⅷ. Screening for Exemption of Oral Examination and Interview for applicants outside Japan

Those living outside Japan who has applied for the exemption of oral examination and interview shall be exempted from taking oral examination and interview only when, through the screening, their academic attainments are regarded to satisfy the academic standard of their preferred division. If you wish to apply, please do so before Ⅲ.Application Procedure.

(1) Application Period

May 11 (Mon.) – 17:00 p.m. (Japan Standard Time), June 5 (Fri.), 2020 (Application documents must be received within this period.)

(2)How to Apply

Download the ＜Application Documents of the Screening for Exemption of Oral Examination and Interview＞ in the website of the Graduate School of Engineering (http://www.eng.mie-u.ac.jp/admission/graduate/). Fill in and send it with other application documents to Student Affairs Team in the Graduate School of Engineering, Mie University by the means of sending that the receipt number is issued such as EMS. Interview via e-mail or Skype might be made if it is regarded to be necessary by the applicant's preferred main advising teacher.

＜Address＞
Student Affairs Team
Graduate School of Engineering,
Mie University

1577 Kurimamachiyacho, Tsu
Mie Japan 514-8507

E-mail: eng-admission@eng.mie-u.ac.jp

＜Application Documents of the Screening for Exemption of Oral Examination and Interview＞

	Documents	Notes
a	Application Form of the Screening for Exemption of Oral Examination and Interview	【the form provided by the Graduate School of Engineering】
b	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
c	Certificate of Master's Degree (or That of Near Completion of the Present Course)	Certificate of master's degree provided by the graduate school where the applicant graduated from. * Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
d	Academic Transcript of Undergraduate Course	Academic transcript provided by the university where the applicant graduated from. * Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
e	Academic Transcript of Master's Course	Academic transcript provided by the graduate school where the applicant graduated from. * Those who have completed graduate

		schools in foreign countries shall attach the certificate written in English or its English translation.
f	Abstract of Master's Thesis	【the form provided by the Graduate School of Engineering】 Those who are expected to complete the master's course shall fill in the title of master's thesis (those who apply with applicant qualification ⑥shall fill in the current research theme) and summarize the advancement of the research in 1,000 letters (500 words in English). Those who have separated print of related papers, academic lectures or patents shall attach the photocopies of them.
g	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】Please fill in the research history and academic attainment (published papers, reports, record of activities, license obtained and others).
h	Separate Prints of Academic Papers	Materials on the research history and academic attainment (published papers, reports, record of activities, license obtained and others) stated in the Record of Academic Attainment
i	Research Plan	【the form provided by the Graduate School of Engineering】
j	Letter of Recommendation	【the form provided by the Graduate School of Engineering】

(3) Notes on the Application

①Documents other than the 【the form provided by the Graduate School of Engineering】 shall be prepared by applicants.

②Application documents shall be sent only by mail. Documents arriving after the application period shall not be accepted.

③Any other means of application including handing in or by phone shall not be

accepted.
④The contents of the documents cannot be altered once the documents have been submitted.
⑤Those who wish to apply on qualifications ⑦ or ⑧ are required to apply for the Screening for Entrance Qualification along with the Screening for Exemption of Oral Examination and Interview.
⑥In the case above, the same documents required in the Screening for Entrance Qualification such as "Academic Transcript of Undergraduate Course" need not be submitted.
⑦Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain consent to accept you.

(4) Screening Result
After the detailed check of submitted application documents, the result will be sent to applicants after 10:00 (JST) July7 (**Tue**.) by e-mail and EMS.

(5) Application Procedure after Passing the Screening for Exemption of Oral Examination and Interview
①Those who are admitted the Exemption of Oral Examination and Interview need not come to Japan for the entrance examination. Please proceed to the application procedure according to the guidance given in the notice of the result as well as the Ⅲ. Application Procedure mentioned above in this guideline.
②Those applying for Special Selection for Continuing Education Students and Special Selection for Foreign Students need to satisfy the qualifications for each selection. Otherwise, the application documents shall not be accepted even if these are submitted
③In case that those who have passed the Screening for Exemption of Oral Examination and Interview are not able to take the examination or fail the examination, the results of their Screening for Exemption of Oral Examination and Interview are valid only for the examination of the coming year.

School Year of 2021(Entrance in October, 2020)
Application Guidelines for Mie University Graduate School of Engineering
Doctoral Course

Ⅰ. Fields of Study and Authorized Student Enrollments by Each Selection

Division	Laboratory	Enrollment Limit	Enrollment Limit by Each Selection		
			General	Continuing Education Students	Foreign Students
Materials Science	Materials Physics	6	A few	A few	A few
	Materials Chemistry				
Systems Engineering	Electrical and Information Systems	10	A few	A few	A few
	Design System				
	Recycling System Design				
Total		16	A few	A few	A few

Ⅱ. Qualifications for Application

Qualifications for application vary according to the sorts of selection. Please make sure the qualifications for application of the selection that you would apply. Please note that the application shall not be accepted even if it is submitted in the case that the qualifications are not satisfied.

○General Selection
Those who fall under any of the following ①～⑧.
○Special Selection for Continuing Education Students
Those who have experience working as a regular staff for a company, government

agency, research organization or other organization more than one year. In the case that they hope to enter the course while working, they have to be allowed by the supervisor of the section they belong to in the company or any other person equivalent thereto. They shall fall under any of the following ①～⑧.

○Special Selection for Foreign Students

Those who have already obtained or expected to obtain the status of residence as "a student studying abroad" provided by Immigration Control and Refugee Recognition Act (Those who do not have Japanese nationality) and fall under any of the following ①～⑧.

①Those who have obtained a master's degree or professional degree (This is a professional degree provided in Ordinance of the Ministry of Education No.5-2 of 1953. The same hereinafter.) or be expected to obtain a master's degree or professional degree by September 30, 2020.

②Those who have successfully obtained a degree equivalent to a master's degree or professional degree at a university or college abroad, or be expected to obtain such a degree by September 30, 2020.

③Those who have completed, in Japan, the corresponding course of an overseas educational institution and have successfully obtained the equivalent of a master's degree or professional degree or be expected to obtain such degree by September 30, 2020.

④Those who have obtained a master's degree or a degree equivalent to a professional degree, or be expected to obtain one by September 30, 2020, after completing a course at an educational institution in Japan which is recognized by his/her country as having a graduate course and which is deemed eligible by the Japanese Ministry of Education, Culture, Sports, Science, and Technology.

⑤Those who have successfully completed a course at United Nations University and obtained a degree equivalent to a master's degree, or expected to complete a course and obtain such a degree by September 30, 2020. (Enforcement Regulation 156-4)

⑥ Those who have completed educational curriculum at foreign universities, educational institutions corresponding to ④, or United Nations University, have passed the examination provided in Article 16-2 of the Standards for Establishment of Graduate Schools or the correspondent screenings, and are deemed to have academic ability equal to or higher than a master's degree holder.

⑦Those who are specified by the Minister of Education, Culture, Sports, Science and Technology (Ministerial Announcement No.118, Ministry of Education, Culture, Sports,

Science and Technology, 1989)

⑧Those who are deemed by the Graduate School of Engineering at Mie University to have academic ability equal to or higher than a master's degree holder or professional degree holder, based on submitted documents and older than 24 years old as of September 30, 2020.

Notes

1. Those who apply on qualifications ⑦ or ⑧ are required to have the screening for entrance qualification in advance. See "Ⅶ. Screening for Entrance Qualification".
2. Those who have not obtained the status of residence as "a student studying abroad" cannot apply for any scholarship or dormitory intended for international students (those who have the status of residence as "a student studying abroad") even if they passed the Special Selection for Foreign Students and entered the university.

Ⅲ. Application Procedure

(1) Application Period

July 22 (Mon.) – 17:00 p.m. (Japan Standard Time),July 30 (Tue.), 2020 (Applications must be received within this period.)

(2) Method of Submission

Applicants shall submit the following documents within the application period by mail or by hand to the Student Affairs Office in the Graduate School of Engineering Team, Mie University. Please note that the required documents vary according to the sorts of selection.

<Application Documents>

【Application Documents for All Applicants】

Documents		Notes
a	Application Form for Admission	【the form provided by the Graduate School of Engineering】 See the guide for completing on the back side of application form when you fill in. Attach the "certificate of remittance" stamped by banking institution to the designated area with paste not to come off.
b	Picture Card,	【the form provided by the Graduate School of

	Examination Admission Card	Engineering】 Attach picture to the designated area with paste not to come off. The picture should be taken within three months with the size of 4cm×3cm; no background, no hat, front view.
c	Application Fee	30,000yen (A transfer fee will be added.) Be sure to read **【Payment Procedure】** and **【Notes】** on the transfer form when you transfer the fee. ***Note 1** **Those who continue to study in the Graduate School after the completion of Master's course in Mie University do not have to pay.** ***Note 2** **Overseas students sponsored by Japanese government (Ministry of Education, Culture, Sports, Science, and Technology) do not have to pay.** ***Note 3** **Those who live outside Japan and cannot use the transfer request form for application fee provided by Mie University shall see "Ⅱ. Payment Procedure of Application Fee from Abroad"**
d	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
e	Certificate of Master's Degree (or That of Near Completion of the Present Course)	Certificate of master's degree provided by the graduate school where the applicant graduated from. (Those who complete or are expected to complete the Graduate School of Engineering at Mie University do not have to submit.) *Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
f	Academic Transcript of Undergraduate Course	Academic Transcript should be authorized and confidentially sealed by the university where the applicant from. *Those who have completed universities in foreign countries shall attach the transcript written in English or its English translation.

g	Academic Transcript of Master's Course	Academic Transcript should be authorized and confidentially sealed by the university where the applicant from. *Those who have completed graduate schools in foreign countries shall attach the transcript written in English or its English translation.
h	Abstract of Master's Thesis	【the form provided by the Graduate School of Engineering】 Those who are expected to complete the master's course shall fill in the title of master's thesis (those who apply with applicant qualification ⑥shall fill in the current research theme) and summarize the advancement of the research in 1,000 letters (500 words in English). Those who have separated print of related papers, academic lectures or patents shall attach the photocopies of them.
i	Research Plan	【the form provided by the Graduate School of Engineering】 Fill in the purpose and plan for the research theme or research field you wish to deal with in 1,200 letters (600 words in English).
j	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】 Those who have academic attainments except for the works related to the master's thesis shall fill in the past job contents and attach a list of published papers and photocopies of separate print of the papers.
k	Confirmation (Proof) Documents of Passing the Screening Corresponding to Applicant Qualification ⑥	Please submit a document prepared and subscribed by the President of the university where the applicant graduates from including the following contents. 【Example of Form】 We, □□ University, confirm and report that our student, Mr. / Ms. ○○○○, passed "(the name of screening)" and has academic ability equal to or higher than a master's degree holder. The following documents on concerned screening are enclosed. 【Example of Attachments】

		・Acceptance criteria of concerned screening. ・Document that shows the relevance of the acceptance criteria of concerned screening to the requirements for conferment of master's degree in the university. ・Document that shows the relevant treatment of following people in the doctoral program in the university: those who passed certain screening and those who transferred to the university with master's degree of other university. *Only those who apply with application qualification ⑥ shall submit these documents.
	Medical Certification	【Example of Form】 http://www.eng.mie-u.ac.jp/admission/graduate/ Please submit only those who live abroad at the time of filing and who are coming to Japan for examination.

【Application Document Only for Applicants of General Selection】

Document		Notes
l	Official Score Certificate of TOEIC Test	Only those who wish to be evaluated by the score of TOEIC Test shall submit this document. For more detail, please refer to ＜How to evaluate applicant's English ability by TOEIC Test＞

【Application Document Only for Applicants of Special Selection for Continuing Education Students】

Document		Notes
m	Consent for Examination	【the form provided by the Graduate School of Engineering】 It must be filled and stamped by the employer or the one equivalent to the employer. Only those who are in service (except self-owned business) and wish to continue to work after the entrance of the Graduate School of Engineering must submit this document.

【Application Documents Only for Applicants of Special Selection for Foreign Students】

Documents		Notes
n	Document Which Can Certify His /Her Nationality and Status of Residence	Photocopy of passport and photocopy of resident card or certificate of items stated in resident register. (Those who live outside Japan have no use for submitting photocopy of resident card or certificate of items in resident register.)
o	Document Which Can Certify the Status of Government-Sponsored Overseas Students	Document provided by the graduate school where the applicant from. (Those who belong to the Graduate School of Engineering at Mie University do not have to submit.) Only foreign students sponsored by Japanese government (Ministry of Education, Culture, Sports, Science, and Technology) shall submit this document.

(3) Notes on Application

① Please note that the application period and the application documents vary according to the sorts of selection.

②When mailing the application documents, be sure to send them as **registered mail**.

The application documents that arrive after the application period will not be accepted.

③If the application documents are brought by hand, they will be accepted between 9:00 and 17:00 on weekdays during the application period.

④Application by telephone, FAX, and e-mail will not be accepted.

⑤The contents of the application documents cannot be altered once the application documents have been submitted.

⑥Once the application fee has been paid, it is not refundable except in the following cases：

a. The applicant has not submitted the application documents or the application documents have not been accepted because of the applicant's ineligibility for application.

b. The applicant has paid the application fee twice by mistake.

⑦The application documents that have already been submitted in the Screening for Entrance Qualification and the Screening for Exemption of Oral Examination and Interview need not be submitted.

⑧The applicants for the Special Selection for Foreign Students who currently enroll in Mie University as students or research students need not submit the application

documents o and p.

⑨Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain a consent to accept you. In case of that you have already done so before the application of the Screening for Exemption of Oral Examination and Interview, you need not do so.

Ⅳ. Selection Method and Procedure

(1) Selection Method

Name of Selection	Selection Method
General Selection	Selection will be done in a comprehensive manner based on the results of achievement test (English), oral examination, interview, and documentary examination.
Special Selection for Continuing Education Students	Selection will be done in a comprehensive manner based on the results of an oral examination, interview, and documentary examination.
Special Selection for Foreign Students	Selection will be done in a comprehensive manner based on the results of an oral examination, interview, and documentary examination.

※If you live outside Japan and wish to apply for the Screening for Exemption of Oral Examination and Interview, please refer to Ⅷ. Screening for Exemption of Oral Examination and Interview for applicants outside Japan.

(2) Contents of the Examination

・Achievement Test: English

※Applicants may choose either to take a paper test (English) or to submit the Official Score Certificate of TOEIC Test (Test of English for International Communication). Those wishing to submit TOEIC score need to submit the Official Score Certificate of TOEIC Test with application documents. For details, please refer to ＜How to evaluate applicant's English ability by TOEIC Test＞.

・Oral Examination: Contents of the examination will cover the applicant's knowledge on the research field, contents of master's thesis (or advancement of master's thesis for applicants who are expected to complete the master's course), record of academic attainment, and research plan.

(3) Date and Place of Examination

Name of Selection	Selection Method	Date	Place
General Selection	Paper Test(English)	August 25 (Tue.), 2020	Graduate School of Engineering, Mie University
	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu.) , 2020	
Special Selection for Continuing Education Students	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu.) , 2020	
Special Selection for Foreign Students	Oral Examination and Interview	August 26 (Wed.) or 27 (Thu.) , 2020	

Note: Examination date and designated time and place will be notified to applicants with the examination admission card.

＜How to evaluate applicant's English ability by TOEIC Test＞

Evaluation of English ability of applicants for Mie University Graduate School of Engineering Doctoral Course who submit the Official Score Certificate of TOEIC Test shall be made by the score. If you wish to be evaluated by the TOEIC Test score, please take the TOEIC Test and submit the Official Score Certificate sent from TOEIC Test Operation Center with other application documents.

Those who wish to take paper test (English) need not submit the score.

Document to be submitted	Note
Official Score Certificate	Official Score Certificate shall be that of TOEIC Test taken within two years before the due date for application submission. It shall be the one sent from TOEIC Test Operation Center and a photocopy shall not be accepted.

	※The one without a photo of the applicant might not be accepted. Be sure not to lose the admission ticket for the TOEIC Test.

Notes:

1. Only the Official Score Certificate of TOEIC Test taken within two years before the due date for application submission is to be evaluated. Score of TOEIC Test taken more than two years before the due date for application submission date and that of group application (Institutional Program and College TOEIC) shall not be evaluated. Also, that of TOEIC Speaking and Writing Tests and TOEIC Bridge shall not be evaluated.
2. In case of taking TOEIC Test more than once, choose one Official Score Certificate to submit.
3. Please bear the fee for taking TOEIC Test with yourself.
4. In case that the submission of Official Score Certificate is not possible due to its defacement or loss, please contact Student Affairs Team in the Graduate School of Engineering, Mie University before the submission.
5. For details of TOEIC Test, please contact TOEIC Test Operation Center or refer to TOEIC official home page 【http://www.iibc-global.org/】.

Ⅴ. Announcement of Selection Result

(1) Date

September 11 (Fri.), 2020 around 10:00 a.m. (Japan Standard Time)

(2) Announcement Procedure

The examinee numbers of successful applicants will be posted on the notice board of the Faculty of Engineering, Mie University, and each successful applicant will receive a formal notification by mail.

The list of the examinee numbers of successful applicants will be displayed on the website of the Faculty/Graduate School of Engineering, Mie University. 【http://www.eng.mie-u.ac.jp/】

Period of posting: One week from the announcement

(3) Notes on the announcement

①No inquiry will be accepted by telephone or other means.

②The list of the examinee numbers of successful applicants displayed on the website is a part of information service by Mie University. Please note that the formal notification is given by the posting on the notice board and the mail to each successful applicant.

Ⅵ. Enrollment Procedure

(1)Period of enrollment procedure

September 17 (Tue.) – 17:00 p.m. (Japan Standard Time), September 24 (Mon.), 2020

(Enrollment procedure must be made within this period.)

*Only those living outside Japan shall submit the enrollment documents within the period specified separately.

(2)Entrance Fee and Tuition

①Entrance fee: ¥282,000 (subject to change)

②Tuition: ¥260,400 for first semester (subject to change)

¥520,800 for the year (subject to change)

Notes

1. Details for the enrollment procedure will be given with the notification of acceptance.
2. The entrance fee and the tuition may be revised.
3. In the case that the tuition is revised, the new amount will be applied.
4. The Graduate School of Engineering, Mie University has set up the Register Extending System for the students who are in employment and work on education and research.

Ⅶ. Screening for Entrance Qualification

Those who apply on qualifications ⑦ or ⑧in the Qualifications of Application are required to have the screening for entrance qualification in advance according to the following procedure.

(1) Application Period

june 22 (Mon.) – 17:00 p.m. (Japan Standard Time), June 30 (Tue), 2020 (Application documents must be received within this period.)

(2) How to Apply

Please apply by mail or in person the following Screening for Entrance Qualification Documents to the Student Affairs Office in the Graduate School of Engineering Team, Mie University.

＜Screening for Entrance Qualification Documents＞

	Documents	Notes
a	Application form of the Screening for Entrance Qualification	【the form provided by the Graduate School of Engineering】
b	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
c	Certificate of Diploma(Degree) of the Last School Attended	The form designated by the last school attended ※Those who graduated from foreign schools shall attach the certificate written in English or its English translation.
d	Academic Transcript of the Last School Attended	Academic Transcript should be authorized and confidentially sealed by the last school attended. ※Those who graduated from foreign schools shall attach the transcript written in English or its English translation.
e	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】Please fill in the research history and academic attainment (published papers, reports, record of activities, license obtained and others).
f	Separate Prints of Academic Papers	Materials on the research history and academic attainment (published

		papers, reports, record of activities, license obtained and others) stated in the Record of Academic Attainment

(3) Notes on the Application

①Please request "the form provided by the Graduate School of Engineering" to the Student Affairs Office in the Graduate School of Engineering Team, Mie University.

②When mailing the documents, be sure to send them as **registered mail**.

The application documents that arrive after the application period will not be accepted.

③If the documents are brought in person, they will be accepted between 9:00 and 17:00 **(Japan Standard Time)** on weekdays during the application period.

④Application by telephone, FAX, and e-mail will not be accepted.

⑤The contents of the documents cannot be altered once the documents have been submitted.

⑥In case of applying for both the Screening for Exemption of Oral Examination and Interview and the Screening for Entrance Qualification, b. Curriculum Vitae, e. Record of Academic Attainment, and f. Separate Prints of Academic Papers need not be submitted.

⑦Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain a consent to accept you. In case that you have already done so before the application of the Screening for Exemption of Oral Examination and Interview, you need not do so.

(4) Screening for Entrance Qualification and Screening Result

① Those specified by the Minister of Education, Culture, Sports, Science and Technology, as described in qualification ⑦, are those who fall under one of the following conditions A or B and satisfy the condition C.

A. The individuals who have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic abilities deemed equal to or higher than those of someone with a master's degree.

B. The individuals who have either completed 16 years of educational courses abroad

or have completed 16 years of courses through correspondence with foreign schools while in Japan, and then have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic skills deemed equal to or higher than those of someone with a master's degree.

C. Those with research achievements in the form of books, academic papers, academic lectures, academic reports, and patents deemed equal or superior to the master's thesis.

②Those who are deemed by the Graduate School of Engineering at Mie University to have academic ability equal to or higher than a master's degree holder or professional degree holder, specified by the qualification ⑧, are those who fall under one of the following conditions A or B.

A. The individuals who have graduated from junior college, technical college, vocational school, and miscellaneous educational institutions not obtaining bachelor's degree and who are deemed to have academic abilities equal to or higher than those of someone with a master's degree.

B. The individuals who fall under one of the following conditions Ⅰ or Ⅱ and satisfy the condition Ⅲ.

Ⅰ The individuals who have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic abilities deemed equal to or higher than those of someone with a master's degree.

Ⅱ The individuals who have either completed 16 years of educational courses abroad or have completed 16 years of courses through correspondence with foreign schools while in Japan, and then have graduated from university, spent a minimum two years engaged in research at a university or research laboratory, and through that effort have acquired academic skills deemed equal to or higher than those of someone with a master's degree.

Ⅲ Those with research achievements in the form of books, academic papers, academic lectures, academic reports, and patents deemed equal or superior to the master's thesis.

③Result of the Screening for Entrance Qualification will be sent to the applicants

living in Japan by express mail and those living outside Japan by e-mail and EMS (Express Mail Service) after Tuesday, July 7, 2020.

(5) Application Procedure after Passing the Screening for Entrance Qualification

①Those who pass the Screening for Entrance Qualification may proceed to the application procedure for the selection by referring to the guideline sent with the result of the Screening for Entrance Qualification and Ⅲ. Application Procedure.

②Those applying for Special Selection for Continuing Education Students and Special Selection for Foreign Students need to satisfy the qualifications for each selection. Otherwise, the application documents shall not be accepted even if these are submitted.

③The application documents that have already been submitted in the Screening for Entrance Qualification need not be submitted.

④In case that those who have passed the Screening for Entrance Qualification are not able to take the examination or fail the examination, the results of their Screening for Entrance Qualification are valid only for the examination of the coming year.

Ⅷ. Screening for Exemption of Oral Examination and Interview for applicants outside Japan

Those living outside Japan who has applied for the exemption of oral examination and interview shall be exempted from taking oral examination and interview only when, through the screening, their academic attainments are regarded to satisfy the academic standard of their preferred division. If you wish to apply, please do so before Ⅲ.Application Procedure.

(1) Application Period

june 22 (Mon.) – 17:00 p.m. (Japan Standard Time), June 30 (Tue.), 2020(Application documents must be received within this period.)

(2)How to Apply

Download the ＜Application Documents of the Screening for Exemption of Oral Examination and Interview＞ in the website of the Graduate School of Engineering (http://www.eng.mie-u.ac.jp/admission/graduate/). Fill in and send it with other application documents to Student Affairs Team in the Graduate School of Engineering, Mie University by the means of sending that the receipt number is issued such as EMS. Interview via e-mail or Skype might be made if it is regarded to be necessary by the

applicant's preferred main advising teacher.

＜Address＞
Student Affairs Team
Graduate School of Engineering,
Mie University

1577 Kurimamachiyacho, Tsu
Mie Japan 514-8507

E-mail: eng-admission@eng.mie-u.ac.jp

＜Application Documents of the Screening for Exemption of Oral Examination and Interview＞

	Documents	Notes
a	Application Form of the Screening for Exemption of Oral Examination and Interview	【the form provided by the Graduate School of Engineering】
b	Curriculum Vitae	【the form provided by the Graduate School of Engineering】
c	Certificate of Master's Degree (or That of Near Completion of the Present Course)	Certificate of master's degree provided by the graduate school where the applicant graduated from. * Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
d	Academic Transcript of Undergraduate Course	Academic transcript provided by the university where the applicant graduated from. * Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English

		translation.
e	Academic Transcript of Master's Course	Academic transcript provided by the graduate school where the applicant graduated from. * Those who have completed graduate schools in foreign countries shall attach the certificate written in English or its English translation.
f	Abstract of Master's Thesis	【the form provided by the Graduate School of Engineering】 Those who are expected to complete the master's course shall fill in the title of master's thesis (those who apply with applicant qualification ⑥shall fill in the current research theme) and summarize the advancement of the research in 1,000 letters (500 words in English). Those who have separate print of related papers, academic lectures or patents shall attach the photocopies of them.
g	Record of Academic Attainment	【the form provided by the Graduate School of Engineering】Please fill in the research history and academic attainment (published papers, reports, record of activities, license obtained and others).
h	Separate Prints of Academic Papers	Materials on the research history and academic attainment (published papers, reports, record of activities, license obtained and others) stated in the Record of Academic Attainment
i	Research Plan	【the form provided by the Graduate School of Engineering】
j	Letter of Recommendation	【the form provided by the Graduate School of Engineering】

(3) Notes on the Application

①Documents other than the 【the form provided by the Graduate School of Engineering】 shall be prepared by applicants.

②Application documents shall be sent only by mail. Documents arriving after the application period shall not be accepted.

③Any other means of application including handing in or by phone shall not be accepted.

④The contents of the documents cannot be altered once the documents have been submitted.

⑤Those who wish to apply on qualifications ⑦ or ⑧ are required to apply for the Screening for Entrance Qualification along with the Screening for Exemption of Oral Examination and Interview.

⑥In the case above, the same documents required in the Screening for Entrance Qualification such as "Academic Transcript of Undergraduate Course" need not be submitted.

⑦Before the application, please be sure to contact the representative person of your preferred education and research area in order to confirm the concrete content of research and to obtain consent to accept you.

(4) Screening Result

After the detailed check of submitted application documents, the result will be sent to applicants after 10:00 (JST) July 7 **(Tue.)** by e-mail and EMS.

(5) Application Procedure after Passing the Screening for Exemption of Oral Examination and Interview

①Those who are admitted the Exemption of Oral Examination and Interview need not come to Japan for the entrance examination. Please proceed to the application procedure according to the guidance given in the notice of the result as well as the Ⅲ. Application Procedure mentioned above in this guideline.

②Those applying for Special Selection for Continuing Education Students and Special Selection for Foreign Students need to satisfy the qualifications for each selection. Otherwise, the application documents shall not be accepted even if these are submitted

③In case that those who have passed the Screening for Exemption of Oral Examination and Interview are not able to take the examination or fail the examination, the results of their Screening for Exemption of Oral Examination and Interview are valid only for the examination of the coming year.

Common Items for Each Selection

Ⅰ. Preliminary Consultations for Applicants with Disabilities

As a preliminary step to the application process, applicants for the Graduate School of Engineering who have disabilities (which meet the criteria defined in Article 22- 3 of the School Education Enforcement Ordinance <refer to the chart below>) must consult with the items listed below, for the case when there is need for a special consideration for taking the examination or studying.

In addition, it is required to consult as soon as possible for the case when measures for desired considerations cannot be taken by the time of examination of the university (as well as after the admission) because of the period or the contents of the consultation.

Also, in the cases that applicants may apply or become disabled by accidents after the consultation period, please consult promptly at that time.

Type of Disability	Disability Criteria
Visual	Those whose eyesight is less than 0.3 in both eyes or who have a serious visual impairment other than visual acuity, such that they find it impossible or considerably difficult to visually distinguish words and diagrams even with the use of a magnifying glass.
Hearing	Those whose hearing is limited to sounds of 60 decibels and up, and who find it impossible or considerably difficult to make out a normal speaking voice even with the use of a hearing aid.
Orthopedical	1. Those who find it impossible or considerably difficult to walk without an assistive device or to engage in basic daily activities such as note-taking. 2. Those whose disabilities are not as severe as the disabilities described in 1, but who nevertheless require constant medical observation and supervision.
Health	1. Those with chronic respiratory illness, kidney disease, nervous disorders, malignant neoplasm, or other chronic medical conditions, and require medical treatment or a regulated lifestyle. 2. Those with chronically weak constitutions who require a regulated lifestyle.
Developmental	Those who require special measures for autism, Asperger's syndrome, pervasive developmental disorders, learning disabilities or attention deficit hyperactivity disorder.

(reference : School Education Enforcement Ordinance, Article 22-3)

(1) Consultation Process and Period

①Consultation Process

In the case when special measures are desired, disabled applicants must submit the consultation form (free format) containing following information to Student Affairs Department of Faculty and Graduate School of Engineering Team by posting etc, with informing Student Affairs Department of Faculty and Graduate School of Engineering Team by a telephone or FAX in advance. In addition, an interview may take place with applicant or related party from old school depending on the contents of the consultation.

a. Name, sex, birth date, address, telephone number of the applicant
b. Name of the graduate school etc. last graduated, (potential) graduation date
c. Applied major, field of education and research
d. Type and extent of disability (attachment of a doctoral certificate or a physical disability certificate shall be required.).
e. Considerations necessary for taking the examination and studying after admission

f. Situation of daily life at the graduating graduate school etc. (mainly about lectures)
g. Other necessary matters

②Consultation Period
Until 17:00 p.m. (**Japan Standard Time**), June 30 (Tue.), 2020 (except Saturdays, Sundays and national holidays)

Ⅱ. Payment Procedure of Application Fee from Abroad

To transfer application fee from financial institutions outside Japan is as follows. After the transfer, please submit 'Copy of the document which certifies the payment' instead of 'Payment Certificate of Application Fee' with the application forms.

①Application Fee 30,000yen

②Recipient's Bank Hyakugo Bank（Bank number HYKGJPJT）
Tsu-ekimae Branch（Branch number 502）
Account number Ordinary Account(558476 01)
Account holder Yoshihiro Komada, President, Mie University

③Payment procedure of application fee
Remitter：name of applicant
Transfer method ：wire transfer
Payment method ：advice payment
Transfer bank fee：borne by the remitter
All fees including remittance bank fee shall be borne by the remitter, so please make sure that the application fee of 30,000 yen will be deposited without fail.

Ⅲ. Refund of the Application Fee

Once the application fee has been paid, it is not refundable in principle, except the case falls under one of following items with request from person him/herself who has paid.

(1) Refundable Case of Application Fee
a. Applicant has not submitted the application documents after paying the application fee or the application documents have not been accepted.
b. The applicant has paid the application fee twice by mistake.

(2)Refund Procedure

Prepare “Request Form of Screening Fee Refund” specifying following items of a. to e. using letter papers etc, post it to Account Team of Financial Affairs Department (1577 Kurimamachiyacho, Tsu, Mie 514-8507) as soon as possible with the attachment of “Receipt of Screening Fee” (photocopies are acceptable) without fall. (Rubricate the title “Request Form of Screening Fee Refund” on the envelope.) Account Team of Financial Affairs Department shall post the necessary documents for refund procedure afterward. In addition, this procedure is considered to take about one month from receiving the request.

a. Reason of the refund request

ex.) Because I didn’t apply for the Examination for Entrance of Doctoral Course of Graduate School of Mie University in2020.

b. Name

c. Present address

d. Telephone number

e. Name of the graduating graduate school etc.

Ⅳ. Special Measures of Educational Method Provided in Article 14 of the Standards for the Establishment of Graduate School

With the advancement of science and technology in recent years, the request of reeducation in graduate schools for engineers, educators and researchers in society have been increasing. However, when university education was carried out only by usual method of education, since workers are required to study at least two years away from work, opportunity for them to receive university education has been constrained.

Therefore, in Article 14 of the Standards for the Establishment of Graduate School, it is provided as “When the special educational necessity is acknowledged in the course of graduate school, appropriate method of education such as carrying out lectures and research guidance in the night time or specific period of time and term can be performed.”, and consideration has been made to allow special measures to be carried out for studying of engineers, educators and researchers in society.

Based on this, the Graduate School of Engineering takes following measures in general to positively accept engineers, educators and researchers in society who wish to study in a graduate school.

1. In addition to the regular class time, classes until 11^{th}, 12^{th} periods (18:00 ~ 19:30) on weekdays for the night time, and between 1^{st}, 2^{nd} periods (8:50 ~ 10:20) and the 7^{th}, 8^{th}

periods (14:40 ~ 16:10) on Saturdays and Sundays for the weekend are available to be taken. Also, students may take classes during their long vacation from work if needed.

2. For the case above, please make a feasible plan with sufficient consultation with the teacher whom you wish to take the guidance.

Ⅴ. Long-Term Attendance System

Although the standard program length of the Doctoral Course of the Graduate School of Engineering is three years, to work on research while being engaged in occupations has many difficulties such as time constraints, so it may take more than three years to complete and economic burden increases.

Therefore the Graduate School of Engineering provides "**Long-Term Attendance System**" to allow those who are engaged in occupations to take course over standard program length (three years) and get degrees flexibly depending on their personal circumstances.

(1)Period of Long-Term Attendance

Period of being admitted as Long-Term Attending Student is six years at most, and the tuition to pay each year (semester) shall be the amount obtained by dividing total amount of tuition to be paid in three years of the standard program length by program length admitted as long-term attending student. (See [Examples of delivery of tuitions] below)

[Examples of delivery of tuition]

1. Standard program length (three years)

1st year	2nd year	3rd year
（520,800yen）	（520,800yen）	（520,800yen）

＜total amount of tuition　1,562,400yen＞

2. Case of admitted as a four-year attending student

1st year	2nd year	3rd year	4th year
（390,600yen）	（390,600yen）	（390,600yen）	（390,600yen）

＜total amount of tuition　1,562,400yen＞

1,562,400yen /four years = 390,600yen（tuition for 1 year）

3. Case of admitted as a 5-year attending student

1st year	2nd year	3rd year	4th year	5th year
（312,480yen）	（312,480yen）	（312,480yen）	（312,480yen）	（312,480yen）

＜total amount of tuition　1,562,400yen＞

1,562,400 yen / five years = 312,480yen（tuition for one year）

[Note] The amount of tuition mentioned in [Examples of delivery of tuition] is based on estimated amount (520,800yen per year), in the case that the revision of tuition is made, the revised new tuition will be applied.

(2)How to Apply

In the case when long-term attendance is desired, please apply by mail or in person "Application Form of Long-Term Attendance System (the form provided by the Graduate School of Engineering)" and "Certificate of Employment etc. (Certificate of Employment or equivalent document)" to the Student Affairs Office in the Graduate School of Engineering Team, Mie University within the application period. (Except Saturdays, Sundays and national holidays)

Application Period：July 22 (Tue.), 2020 – 17:00 p.m. (JST) July 30 (Wed.), 2020

(Applications must be received within this period.)

(3) Notes on the Application

1. For information about application requirements of long-term attendance or how to obtain Application Form of Long-Term Attendance System (the form provided by the Graduate School of Engineering), please contact the Student Affairs Office in the Graduate School of Engineering Team, Mie University in advance.

2. **If you wish to take the long-term attendance, please be sure to apply by the prescribed procedures. Long-term Attendance will not be accepted even if there is entry to the effect that you wish long-term attendance in the Application Form of entrance examination.**

Ⅵ. Personal Information Handling

The Act on the Protection of Personal Information Held by Incorporated Administrative Agencies (hereinafter called "Personal Information Protection Law") came into effect from April 1, 2005.

In addition to the affairs related to the selection of examinees, the use of personal information obtained through the selection is as follows.

(1)An address and the full name of the successful applicants shall be used for the affairs related to the enrollment procedures.

(2) An address and the full name of those who follow the enrollment procedures shall be used for the scholastic affairs such as college register management after the entrance and the affairs related to the health administration such as medical examination.

(3) An address and the full name of those who follow the enrollment procedures shall be used for the affairs related to the payment management such as collection of entrance fee and tuition.

(4)Personal information of examination results obtained thorough the selection shall be used for the affairs related to the study support such as exemptions of entrance fee and tuition, and scholarship selection.

(5)It shall be used for the research on the selection of the Mie University and subordinate task such as statistical processing without revealing personally identified information.

*The personal information that the Mie University has obtained, except as specified in Article 9 of the Personal Information Protection Law, will not be provided to third parties or used for other purposes without the consent of the applicant.

Outline of Mie University Graduate School of Engineering (Doctoral Course)

Graduate School of Engineering, Mie University, based upon Faculty of Engineering, consists of the Master's and the Doctoral course. The Doctoral course is composed of two divisions of "Materials Science" and "Systems Engineering" which have both basic scholastic ability and wide applied ability together, carrying out creative research and education which can cope with advanced technology. It is a so-called "sectioned Doctoral course" which is piled up on master's course.

Entrance qualification for the Doctoral course is to obtain master degree or professional degree, or to have equal or higher academic ability than these. By providing system of Special Selection for Continuing Education Students which allows qualified working person to enter the Graduate School still with being registered at the companies, we open the door widely. And system of Special Selection for Foreign Students is also provided.

In the Doctoral course, curriculum for forming deep and systematic scholarship related to research theme is established to develop abilities for carrying out voluntary and vigorous research activities, rich and creative knowledge and ability to set future goal.

Furthermore, system that classes can be taken at night on weekdays and on Saturdays and Sundays (Special Measures of Educational Methods set forth in Article 14 of the Standards for the Establishment of Graduate School) and Long-Term Attendance System are provided so that the system for accepting working person actively is organized, and supporting system on cost side for those who intend to study in the Doctoral course is provided by Sponsorship System for the Doctoral Course.

Standard program length of the Doctoral course is three years, and those who meet the prescribed course requirements and passed the examination of a dissertation and final examination under necessary research guidance shall be conferred a doctoral degree (Engineering).

Ⅰ. Purport and Purpose of Doctoral Course

Advances of science and technology and changes in the industrial structure are remarkable nowadays

as to be called an era of high technology or technical innovation, and relevant fields of study are advanced and subdivided at the same time as interdisciplinary field and complex field are progressed drastically. Under such circumstances, necessity to activate various creative seeds-oriented basic researches as well as to explore voluntary needs-oriented application development based on these become greater. Therefore, the training of creative engineers and researchers with pioneering ability to respond to high technology having both basic scholastic ability and wide applied ability together becomes urgent need.

Doctoral Course of Graduate School of Engineering, Mie University aims to train human resources having advanced expertise and rich knowledge which can meet the multiple social demands described above.

In the Doctoral course, in order to promote the opening to the society and internationalization of education and research, two divisions of [Division of Materials Science] and [Division of Systems Engineering] are established to systematize engineering in a new light of [materials] and [systems] with foreseeing the progress in science and technology and the reform of industrial and social structure in the 21st century.

That consists of

1. Division of Materials Science interdisciplinary related to a creation, processing, evaluation, and application of new materials
2. Division of Systems Engineering focus on environment, system, information related to social life and production and is made to be able to respond adequately to the new development of production technology with emphasis on rapidly expanding advanced high technology.

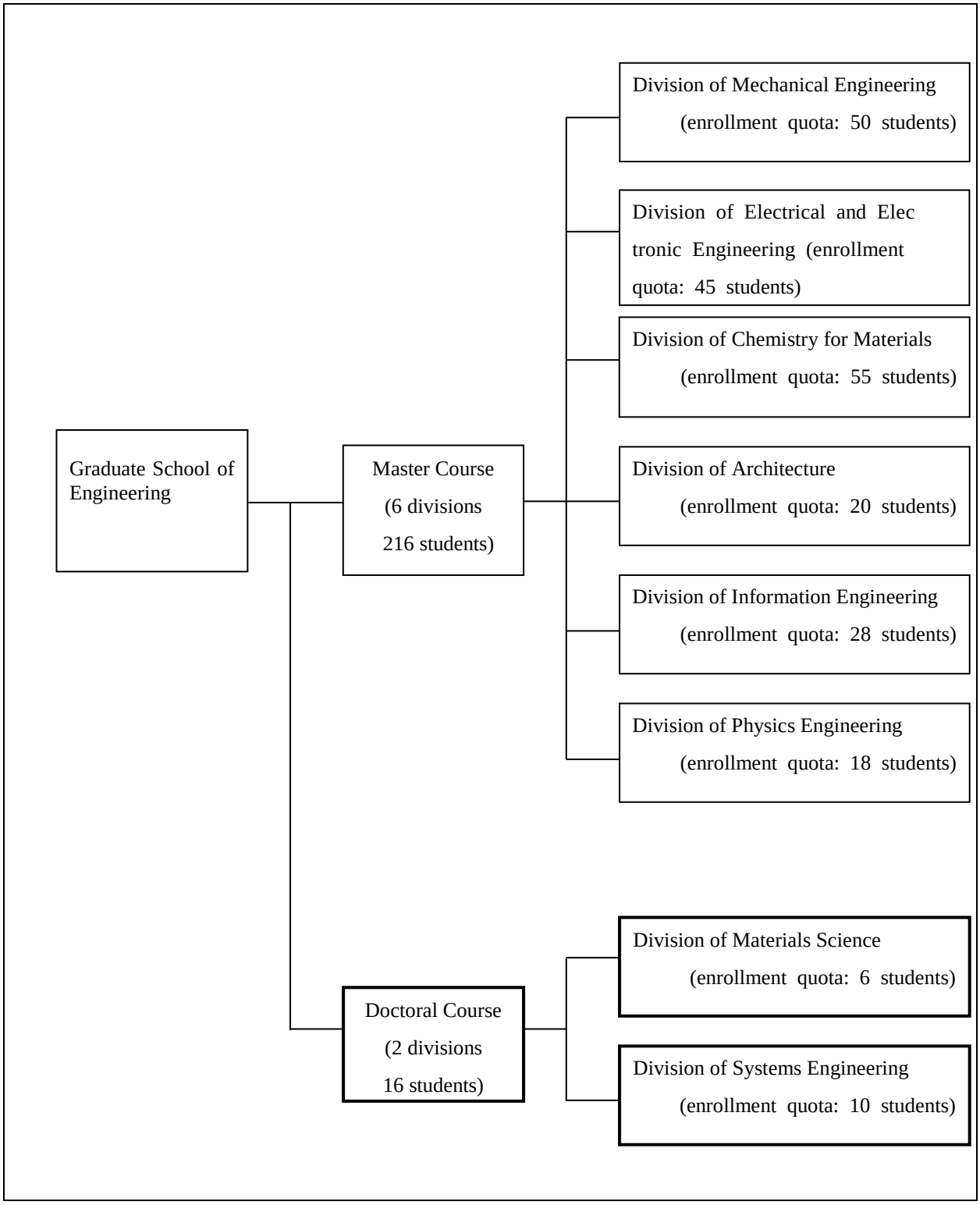
In the curriculum of the Doctoral course, the following basic policies are set to develop students' abilities to carry out voluntary and vigorous research activities, to achieve rich and creative knowledge, and to set future goals, and deepened professional educations are carried out.

1. Acquisition of broad knowledge and perspective
2. Position and future prospects of science and technology
3. Forming deep and systematic scholarship of field related to dissertation theme
4. Practical training for research activities in the real world

Upon acceptance of student, in addition to General Selection for student from the Master's course, recruitment of student by Special Selection for Continuing Education Students to enter the Graduate School still with being registered at the company is provided to actively promote reeducation and refresher education of researcher and engineer involved in research and development of the company.

And acceptance of foreign students is promoted actively by Special Selection for Foreign Students in order to contribute to the rapid internationalization of study and technology of recent years.

Ⅱ. Organization Chart of Graduate School of Engineering



Ⅲ. Outline of Divisions and Contents of Laboratories

1 Division of Materials Science

Comprehensive researches and developments concerning properties and reactions of materials are required nowadays in order not only to extend current advanced technology but also to develop new techniques holding sway over the future of our country, such as those for effective utilization of resources and preservation of the environment. From this viewpoint, techniques for design, manufacture and utilization of new materials are very important in mechanical and electrical engineering, and design and synthesis of new materials are also important in chemical engineering. Hitherto, investigations on materials had been carried out rather independently in departments of different fields in universities. Recently in various engineering fields, however, materials of a variety of functions are required more than before, and thus, a more organized cooperation among researchers in different fields of materials science has become indispensable.

From these points of view, Division of Materials Science consists of two laboratories: "Laboratory of Materials Physics" including six education and research groups (Mechanical Properties of Materials, Material Design, Advanced Manufacturing Technology, Electronic Properties of Materials, Electronic Materials and Electronic Devices) and "Laboratory of Materials Chemistry" including six education and research groups (Organic Fine Chemistry, Functional Conversion Chemistry, System Measurement Chemistry, Biofunctional Chemistry, Functional Polymer Chemistry and Advanced Inorganic Chemistry). The division promotes cooperation between the research fields characterized by the needs and seeds, and facilitates purposive researches, such as those on technologies utilizing fundamental properties of materials, based on quantum mechanics and electronic physics, and those on the synthesis of functional materials with a desired property on the basis of practical needs. A highly qualified education including a wide interdisciplinary field can be received in this division.

Laboratory of Materials Physics

The importance of materials in the development of cutting-edge technology has been growing. In order to make the safe, effective and maximum use of functions and properties of materials, it is essential to figure out the mechanical and electrical properties under the various conditions when utilizing the materials. Also, in order to develop, design and utilize the desired new material, it is quite important to find out the

basic property of material at the micro level. Laboratory of Material Physics has two fields of research: The one is dealing with the properties under the extreme conditions (ultrafine, thin film, surface, interface, high-energy density, high pressure, high vacuum, high temperature, ultralow temperature, etc.), theory and experiment on the measurement, processing and property modification, the reinforcement mechanism and melt processing property of material, nanofabrication process and micro mechanism, bio-processing, clarification and application of tribology phenomenon, and the development of biomechanics and the alternative materials for human body. The other field is dealing with the semiconducting materials for ultrafast speed element and optical functional element, magnetic material for high density record medium, new insulating material and organic electronics material for electrical and electronic devices, high temperature super conductive material and giant magnetoresistive material, development of electronic materials including multifunctional superfine particle, development of electronic device utilizing the technology of thin film such as cluster beam evaporation method, the structural analysis of materials using light, electron beam, ion beam, and X-ray, and their application to the electronics. Both fields are carrying out their advanced education and research by keeping each other's organic cooperation.

Laboratory of Materials Chemistry

The requirement for the precision and multiplicity of the function of materials has become demanding more than ever. In order to respond to such requirement, it is essential to develop multiple functions of materials in design and composition aiming at the development of functions at the molecular level by the composite of materials in nano level. In this laboratory, we are carrying out education and research on the nano level design of the materials with desired property and function based on chemical reaction as well as the design, operation, and evaluation of the reaction path synthesized from these materials. We are also implementing following research: the construction of materials with special functions such as sensing function and energy conversion function and its elucidation from the aspect of material science, elucidation and multiple application of the biofunction, a development of the analysis and measuring system of functions, and environmental conservation relating the materials synthesis.

Our main education and research fields include organic precision chemistry, function conversion chemistry, functional system measurement, biofunctional chemistry, functional polymer chemistry, and advanced materials chemistry.

【Faculty Members in Division of Materials Science】

Laboratory of Materials Physics

Education and Research Areas

Area	Research Contents	Faculty Members
Mechanical Properties of Materials	Our education and research fields are as follows: The research on mechanical properties (from micro to macro level) of non-equilibrium condition materials processed in extreme conditions such as alloy, thin film, case, and interface and of new materials with specialized functions. The research dealing with mechanics of materials and structures such as material organization and the deformation and strength characteristics, solid mechanics, fracture and damage mechanics, and design of composite and intelligent materials. Biomechanics and biomaterials aiming at the analysis and application of the structure and high functions of biological organization mainly from a mechanical point of view.	Professor Tadashi Inaba Professor Shigeo Kotake Professor Kohji Nakamura Associate Professor Takamasa Yoshikawa Associate Professor Toru Akiyama
Advanced Manufacturing Technology	Our education and research include basics and applications on the development of non-traditional processing technology orienting high functionalization and high value adding: precision machining of advanced materials, nanoengineered processing and measurement technology by the atomic force microscope, processing in extreme conditions(ultrafine, ultrahigh pressure, high temperature, high vacuum, etc.) and properties, bioprocessing, and the analysis and application of tribology phenomenon	Professor Yu Takahashi Associate Professor Yuichi Nakamura Associate Professor Masahito Matsui Associate Professor Eitoku Nakanishi

Material Design	We are conducting education and research on basics and application of existing materials and developing industrial materials in the following aspects: ① Development and improvement of new material functions (mechanical and physical functions) ② Design theory of new materials including manufacturing and processing methods ③ High energy processing (processing by the energy source obtained by ultrafast speed and ultra high energy density)	Associate Professor Hiroshi Kawakami
Electronic Properties of Materials	We are working on research of various electronic materials properties from the aspects of constituent element and analysis of crystal structure. Also, we control the condensation process of atom's forming solids in order to figure out the crystal structure of the formed material and to examine the way to realize the design of crystal structure. As such, the education and research on the new electronic materials and crystal structure, as well as the basic research on electronic properties through analysis of quantum effect which becomes prominent in various phases in the phase transition phenomena and in low temperature are carried out.	Professor Kazuhiro Sano Associate Professor Hideki Sato Associate Professor Yasuhiro Utsumi
Electronic Materials	Our education and research cover the fabrication, measurement, evaluation and application of the organic electronic material, dielectric material, insulating material, superconductive material and other electronic materials aiming at the development of advanced new materials such as new and composite materials	Professor Kazuo Iida Professor Koichi Hata Associate Professor Tatsunosuke Matsui Associate Professor Yusuke Aoki

Electronic Devices	In the aim of the development of new cutting-edge devices by electronic materials including semiconductor, magnetic material, and dielectric material, we are carrying out education and research on functions, operating principle, fabrication, and analysis and evaluation of electronic circuit device, optoelectronics device, magnetic recording device,and sensor device.	(Professor Hideto Miyake) Professor Hiroshi Murata Associate Professor Yuji Fujiwara Associate Professor Atsushi Motogaito

Laboratory of Materials Chemistry

Education and Research Areas

Area	Research Contents	Faculty Members
Organic Fine Chemistry	Our education and research cover the development of new highly-selective organic process orienting fine chemicals, the creation of organic material with electronic, magnetic, and optical function, and the computing science based on theoretical chemistry.	Professor Toshikazu Kitagawa Professor Hiroshi Yao Professor Iwao Hachiya (Associate Professor Katsuyuki Hirai) Associate Professor Takao Okazaki Associate Professor Masaki Mitani Associate Professor Isao Mizota
Functional Conversion Chemistry	We are conducting education and research on applied electrochemistry relating to the conversions between various energies such as the one between chemical energy and electric energy, or between optical energy and chemical energy. We are also working on research and development of nano carbon and related materials with energy conversion and electrical conductivity functions.	Professor Nobuyuki Imanishi Associate Professor Daisuke Mori

System Measurement Chemistry	Our education and research cover the development of monitoring system for ultratrace analysis and high selective measurement, the technology for the environmental load reduction, and the techniques for the removal and detoxification of pollutants.	Professor Satoshi Kaneco Associate Professor Hideyuki Katsumata
Biofunctional Chemistry	Education and research on the elucidation of structure and function of protein, polysaccharide and lipid, and the development of highly functional material for medical care and artificial organ are carried out. We also work on the development of functional protein and life system innovation technology based on membrane engineering, genetic engineering, cellular engineering, and antibody engineering.	(Professor Keiichi Miyamoto) Associate Professor Kanta Tsumoto
Functional Polymer Chemistry	We are conducting education and research on the development of high polymerization reaction process for applied technology and theoretical analysis based on the physical chemistry of polymer solution, polyelectrolyte, and polymer gel. Our research also covers the assemble and property control of polymer surface and interface, as well as the molecular design and polymerization reaction control of high-functional molecular material.	Professor Masataka Kubo Professor Naoya Torikai Associate Professor Takahiro Uno Associate Professor Fujii Yoshihisa
Advanced Inorganic Chemistry	Education and research on the following issues are covered: the development and characterization of solid catalyst with high activity and high functionality for environmental detoxification, the	Professor Atsushi Ishihara Associate Professor Tadanori Hashimoto

	development of the environmentally - friendly low energy consumption processing with the use of inorganic materials such as neo ceramics and new glass as well as its evaluation as the optical information material.	

"Notes" 1. The information above is made as of 1 April, 2020.
2. Faculty members indicated in ( ) are holding concurrent posts.

2 Division of Systems Engineering

The structure of our society has become larger and more complicated with the recent progress in automation and information engineering. Now, various systems in the society are rapidly developing and they are deeply related to each other. For example, while energy is indispensable to the support and development of social systems, so have abnormal climate, such as the warming up of the earth, and the destruction and transformation of our natural environment caused by the waste of a large amount of fossil fuel, become serious problems. As the high level of progress in automation and information engineering greatly influences people's lifestyles, it is necessary to design and develop various kinds of social infrastructures and environmental facilities for social life in the new age, and to research and develop engineering technologies related to regional development and in tune with nature. Moreover, in the manufacturing field, it is necessary to establish systematic harmony between human beings and mechanical systems with the help of computers, as well as to fuse various mechanical technologies with electrical, electronic, and information technologies, and to promote high-level automation and high reliability in manufacturing technology.

In consideration of these aspects, the Division of Systems Engineering was founded. It is organized from three laboratories: the Laboratory of Electrical and Information Systems, composed of four research groups (Information processing, Intelligent information systems, Information and communication systems, and Electrical control systems); the Laboratory of Design Systems, composed of six research groups (Fluid engineering for energy and the environment, Energy systems design, Intelligent electronic mechanics, Architectural planning and urban design systems, Building

environment and equipment systems, and Architectural structure systems); the Laboratory Recycling System Design (Recycling System). With this arrangement, organized cooperation among the different research fields is promoted toward the aim of developing fundamental and application techniques for various systems related to the fields of electrical, information, mechanical, and architectural engineering, and so forth. Simultaneously with such research activities, the Division aims at the education of researchers and engineers who are capable of systematic thinking and a broad view of coping with the specific needs of the society.

Laboratory of Electrical and Information Systems

The fields of electricity and information are closely interlinked and highly developing. These fields are deeply related with people's livelihoods, cultural and social organizations, and economic and industrial structures. Based on the situation, this laboratory is working on education and research on the following issues: the software science to support the technology of electricity and information, the basics and applications of computer such as information processing system, pattern recognition and natural language understanding, and computer graphics, the information and telecommunication system such as analog-digital signal processing, acoustic engineering, image engineering, multimedia communication, and information network, the theory on the foundation and control of electrical energy, and the electric control system related to the application to power electronics, mechatronics, and robot control.

Laboratory of Design Systems

As our society becomes more and more information-oriented and aging, the research aiming at the enrichment of social environment as well as the coexistence of human and natural ecosystem is required. Under such social requirements, we are carrying out the following education and research themes: the development of new energy system giving consideration for the maintenance of environment and resources, the technology for the effective use of various energy machines, the energy system design aiming at the expression of high functionality on molecular and atomic level, the development of highly intelligent mechanical system aided by electronic machine and computer which are the bases of production activity, the program design theory and business management theory necessary for building disaster-proof, highly efficient, human-friendly, and nature-harmonious architectural structures, cities, and regions, the thermal physics of architectural structures and urban space, the optimized design of facilities, the dynamic theory and design theory of structural system, and the structural

behavior related to the ultimate safety.

Laboratory of Recycling System Design

Recently, the limitation of resources and energy has been strongly recognized in relation to the environmental problem. Therefore, constructing the technology for the effective utilization and recycling of resources and energy and the technology for environmental conservation has become the major research theme of pressing need.

Considering these aspects, the Laboratory of Recycling System Design is carrying out education and research on recycling systems concerning environmental conservation and effective utilization of resources and energy. Our research especially focuses on environmental fluid engineering, control of fluid and heat flows, and durability and recycle of structures.

This Laboratory is available for the members of society who already graduated from university to study more and do research.

【Faculty Members in Division of Systems Engineering】

Labor atories	Education and Research Areas		
	Area	Research Contents	Faculty Members
Electrical and Information Systems	Information Processing	Education and research on the system design related to hardware and software of computing machinery, the basic theory lying at the center of software science, program language, operating system, and system LSI are carried out.	Professor Kazuyoshi Takagi Professor Akinori Kawachi Professor Haruhiko Takase Associate Professor Hidehiko Kita Associate Professor Toshiyuki Yamada Associate Professor Kazuhiko Ohno
	Intelligent Information Systems	We are working on education and research of the field of pattern recognition including character recognition and medical image recognition, the field of human information engineering such as sensory and perceptual information and natural language processing, and the field of intelligent information processing including intelligent robot, soft computing, and emergent computing.	Professor Hiroshi Naruse Professor Tetsushi Wakabayashi Associate Professor Hiroharu Kawanaka
	Information and Communication System	We are conducting education and research on the field of information and communication system which plays a key role in the advanced information society. We especially focus on the information network technology such as analog and digital signal processing, data processing, transformation of audiovisual information, and broadband ISDN and LAN, and the basic and applied technology including multimedia communication, satellite communication, and advanced traffic information system.	Professor Kazuo Mori (Professor Yuichi Noro) Associate Professor Hidetomo Suzuki Associate Professor Hiroyuki Hatano
	Electrical Control Systems	Our education and research cover the technology of generation, transportation, transformation, and control utilization of energy which is the basis of social system. Especially, we focus on the implementation and problems of safety, robustness and adaptivity of energy. Utilization and conversion technology of natural, mechanical and electrical energy are also included in our research.	Professor Satoshi Komada Associate Professor Naoki Yamamura Associate Professor Kazuhiro Yubai

Design Systems	Fluid Engineering for Energy and the Environment	We are carrying out education and research regarding machines and equipment to deal with various forms of fluid including multiphase flow. We also work on the new design concept regarding technical development of machines and devices to deal with the fluid related to energy conversion.	Professor Takao Maeda Associate Professor Yasunari Kamada
	Energy Systems Design	Our education and research cover the construction and analysis of comprehensive and substantial energy system aiming at the harmony of humans and mechanical system. We also carry out education and research of the fields of thermal fluid system regarding a design guide, computational thermal fluid analysis, energy system design theory, transfer phenomenon, environmental fluid mechanics, and environmental analysis.	Professor Masafumi Hirota Professor Koichi Tsujimoto Associate Professor Naoki Maruyama Associate Professor Toshitake Ando Associate Professor Akira Nishimura

Laboratories	Education and Research Areas		
	Area	Research Contents	Faculty Members
Design System	Intelligent Electronic Mechanics	Education and research related to analysis and evaluation of dynamic behavior and vibration in mechanical system, dynamic system control, intelligent system adaptable to nonlinear dynamics, vibration and environment, man-machine interface, and intelligent production are conducted.	Prof. Ryojun Ikeura Prof. Kenichi Yano Associate Prof. Norihiko Kato Associate Prof. Soichiro Hayakawa
	Architectural Planning and Urban Design System	We are conscious of the importance of social role that the architecture and large cities undertake in this highly informed and aging society, and carry out education and research to establish planning-design methods including theories of human engineering and scenery, and total evaluation system of efficient management and business administration.	Prof. Akikazu Kato Prof. Yoshito Tomioka Prof. Satoshi Asano Associate Prof. Atsushi Otsuki

	Building Environment and Equipment System	Education and research related to thermal-physical characteristics of buildings and urban environment and characteristics of residents are conducted in order to establish theories to achieve the hygienic and comfortable living environment for humans. Moreover, education and research on optimal design and control for building utility as implemental tools are carried out.	Prof. Hisaya Nagai Associate Prof. Takane Terashima Associate Prof. Hiroaki Kitano
	Architectural Structure System	Education and research on mechanical theory and design theory related to the latest structural system, and on structural behavior such as safety, fracture pattern, dynamic bearing capacity and deformability as the structure related to ultimate safety are conducted.	Prof. Toshikazu Hanazato Associate Prof. Chikako Tabata
Recycling System Design	Recycling System	Education and research on recycling system related to environmental conservation and effective utilization of resources and energy are carried out. Above all, we focus on environmental fluid thermal engineering, control of fluid and heat transfer, and durability and recycling of structures.	Prof. Yutaka Takahashi Prof. Jun Kawaguchi Associate Prof. Shigeyoshi Tsutsumi Associate Prof. Sotaro Baba

"Notes"

1. The information above is made as of 1 April 2020.
2. Faculty members indicated in ( ) are holding concurrent posts.

Ⅳ. Distinctive Features of Education and Research Guidance

1 Basic Policy of Education and Research Guidance

The doctoral course of the Graduate School of Engineering aims to foster such human resources as mentioned below with a foreseeability which enables them to penetrate deeply into the development of science and flexible ability to think over interdisciplinary field from the regional development to the global scale.

① Human resources with profound humanity possessing extensive basic knowledge and highly specialized knowledge

② Human resources with great sense of ethics possessing keen foreseeability which enables them to expect effects on humans and influences on environment caused by the development and practical application of new technologies

③ Human resources with rich international sense to be cosmopolitans in the internationalized society

④ Aspiring researchers who can lead the 21st-century science and technology possessing the capacity for original thought

⑤ Highly professional engineers with vitality and flexibility to challenge resolutely in the expanded and complex society, and the rapid structural reform of industries and the fields of new and interdisciplinary areas

⑥ Practical and highly skilled engineers who can show their leadership in terms of both soft and hard sides to promote various big projects

2. Essentials of Education and Research Guidance

① Acquisition of extensive scholarship and view

More than four credits of advanced subjects and more than two credits of seminar subjects are required for the completion of the doctoral course. Within these credits, up to two credits of advanced subjects and up to two credits of seminar subjects acquired in other divisions, other graduate schools or other universities can be transferred as required credits for completion so that a wide range of education of other divisions can be taken.

② Research guidance by more than two advising teachers: A main advising teacher and a vice-advising teacher

Detailed and wide advice on research topic of the doctoral dissertation shall be given by more than two advising teachers including a main advising teacher and a vice-advising teacher. What is more, three-credit "special seminar" is set as a compulsory subject to form a profound and systematic scholarship of specialties related to the doctoral dissertation.

③ Training of practical research activities as researchers and engineers

Three subjects, such as "special seminar" which is a subject for analysis report of researches with originalities, "special practice" which is a subject for research practice in Community-University Research Cooperation Center in the university, government administration office outside of the university, or private institutes, and "course completion design" which is a subject for the training in order to put basic ideas into concrete shape, are set as the curriculum. One of these is a compulsory elective subject with one credit. The details of each subject are as follows:

- "Special Seminar"

In order to develop the skills of enlightenment of originalities, research evaluation, bibliographic survey, training of shaping research vision, and capability to recognize problems, students shall focus on original and excellent research papers (including architectural buildings, software, and technical systems). They shall write research reports about the researches from beginning to the completion through the

analytical investigation of historical background, works cited, and research organizations. Or they shall make research plans on some theme other than their doctoral dissertation.

- "Special Practice"

  In order to acquire a wide field of vision and to train for collaborative researches and project researches, students shall carry out experimental /rational research practices on certain practice themes and submit reports in Cooperation Research Center in the university or public / private institutes outside of the university.

- "Course Completion Design"

  In order to develop abilities as highly skilled engineers and abilities to define the significance of their own researches in the society, students shall make works (electrical and electronic circuit, experimental device, mechanical product, design for new material and functional material, design for structure, analysis system for physical phenomenon, integrated system, computer graphics, software program, etc.) which are realizable in the special fields related to their themes of doctoral dissertation by way of practical trainings to achieve concrete designs brushed up from some basic ideas.

3 Essentials of Working on Doctoral Dissertation and the Procedure of Examination

① Research guidance by more than two advising teachers

Vice-advising teachers shall be decided besides a main advising teacher. Students shall be supervised their researches by more than two teachers. In order to promote the expansion of students' field of vision and improvement of the research level so that they will be able to conduct their research activities as independent researchers in their fields, not only research skills in their fields but also skills to find out problems with broad field of view and skills for the creative solutions are trained by teachers.

② Interim reports of research

Interim reports of research (reports of original research contents including review of last five years, explanations to people in other fields, discussions in terms of application, responses to questions and indications offered at academic conferences, impact and evaluation of the research result in the society, and future perspective) shall be conducted about three times before the completion of Doctoral course in order for students to understand their exact positions in their research fields and practice skills of presentation and discussion with people in other fields.

③ Research outside of the university

Students can conduct a part of their researches in some institutes outside of the university under the close contact with concerned division and advising teachers in order to activate the whole graduate school by promoting collaborative research with institutes outside of the university.

4 Standards for Completion of the Course

Features of the curriculum are as follows, indicating the standards for completion of the course:

Subjects	Number of Credits	Notes
Concerned Special Subject Advanced Subject Seminar Subject	More than 4 credits More than 2 credits	Four credits consisting of two credits of advanced subjects and two credits of seminar subjects are allowed to be acquired in other divisions, other graduate schools or other universities.
Concerned Special Subject Special Seminar	3 credits	
Common Subject of Each Division	1 credit	Of three subjects, one credit shall be taken from compulsory elective subjects. Engineering prospect advanced subject is for Doctoral course. Only adult students can take this subject.
Total	More than 10 credits	

The grades to take each subject during the three years of the Doctoral course are as follows:

Year	First year		Second year		Third year	
Semester	First	Second	First	Second	First	Second
Advanced Subject	◎	◎				
Seminar Subject	◎					
Special	○					

Seminar						
Special Seminar	△					
Special Practice			△			
Course Completion Design					△	
Thesis Study	＊	＊	＊	＊	＊	＊

◎ : two credits, compulsory

○ : three credits, compulsory

△ : one credit, compulsory elective

＊ : no credit

Guide Map of Mie University Graduate School of Engineering

三重大学大学院工学研究科までの交通案内
①近鉄江戸橋駅下車　徒歩約 15 分
②ＪＰ東海または近鉄津駅下車
津駅前バスのりば（津駅東口）「４番のりば」から三重交通バス「白塚駅前」、「椋本」、「豊里ネオポリス」、「三重病院」、「三行」、「高田高校前」、「」、「サイエンスシティ」行きに乗車し「大学病院前」で下車　徒歩約 10 分（「大学病院前」行きで終点下車も可）
③津駅からタクシーで約 10 分
④伊勢自動車道「津 I.C」から約 20 分、「芸濃 I.C」から約 25 分

Access to the Graduate School of Engineering, Mie University
② 15-minute walk from Edobashi station, Kintetsu Line
② Take Mie-Kotsu buses for “Shiratsuka-eki-mae,” “Mukumoto,” “Toyosato-Neopolis,” “Mie-Byoin,” “Miyuki,” “Takada-Koukou-mae,” “Taiyo-no-Machi,” or “Science City” from the “4th stop” in the bus stop of Tsu station, and get off the bus at the bus stop called “Daigaku-Byoin-Mae.”
③10 minutes by taxi from Tsu station
④20 minutes from “Tsu I.C”, or 25 minutes from “Geino I.C”, Ise Expressway

芸濃 I.C　Geino I.C
津 I.C　Tsu I.C
伊勢自動車道　Ise Expressway
至亀山　For Kameyama
中勢バイパス　Chusei Bypass
附属学校　Attached Schools
三重県庁　Mie Prefectural Office
至四日市　For Yokkaichi
伊勢鉄道　Ise-Tetsudo
江戸橋駅　Edobashi Station
津駅　Tsu Station
近鉄名古屋線　Kintetsu-Nagoya Line
ＪＲ紀勢線　JR-Kisei Line
至松阪　For Matsusaka
至名古屋　For Nagoya

津市役所　Tsu City Office
津城跡　The Ruins of the Tsu-jo Castle
至伊勢　For Ise
三重大学　Mie University
志登茂川　Shitomo River
伊勢湾　Ise Bay

「大学前」バス停　“Daigaku-Mae” Bus Stop
国道２３号線　Route 23
「大学病院前」バス停　“Daigaku-Byoin-Mae” Bus Stop
事務局　Administration Bureau
経理チーム収入担当 Financial Management Office (Income)
総合研究等Ⅱ　University Research Hall Ⅱ
メディアホール　Media Hall
学務部　Center for Student Support
保健管理センター　Center for Physical and Mental Health
教育学部　Faculty of Education
生物資源学部　Faculty of Bioresources
第一食堂　Cafeteria 1
共通教育校舎　Liberal Arts Building
一号館　First Building
二号館　Second Building
三号館　Third Building
附属図書館　University Library
人文学部　Faculty of Humanities, Law and Economics
陸上競技場　Athletics Track Field
講堂（三翠ホール）　Auditorium (Sansui Hall)
医学部付属病院　University Hospital
医学部臨床講義棟　Clinical Research Building of Faculty of Medicine
⇒病態医科学研究棟　Pathological Science Research Building of Faculty of Medicine
医学部　Faculty of Medicine
基礎医学校舎　Graduate School of Medicine, Faculty of Medicine
⇒先端医科学教育研究棟　Advanced Medical Science Education Research Building

第二食堂　Cafeteria 2
工学研究科　Graduate School of Engineering

Contact Information

Available Time : 8:30a.m.～5:00p.m. , Monday～Friday（except for holidays）

About the Entrance Examination of the Graduate School of Engineering About Class Subjects and Studies	Student Affairs Office of the Graduate School of Engineering Kurimamachiyacho 1577, Tsu, Mie 514-8507, Japan Tel: +81-(0)59-231-9469 Fax: +81-(0)59-231-9471 E-mail eng-gakumu@eng.mie-u.ac.jp
About Scholarship (Japan Student Services Organization)	Student Service Office of Student Affairs Department (Scholarship) ＴＥＬ ０５９－２３１－９０６１
About Payment Moratorium of the Entrance Fee and Exemption of the Entrance Fee and Tuition	Student Service Office of Student Affairs Department (Exemption) ＴＥＬ ０５９－２３１－９６７８
About Student Dormitory	Student Service Office of Student Affairs Department (Student Dormitory) ＴＥＬ ０５９－２３１－５３７１
About Payment of the Entrance Fee and Tuition	Financial Management Office of Financial Department ＴＥＬ ０５９－２３１－９０２８

As for the information about the Graduate School of Engineering, see the website of the Faculty / Graduate School of Engineering.

Website of the Faculty / Graduate School of Engineering http://www.eng.mie-u.ac.jp/

Website of Entrance Examination Information of the Graduate School of Engineering

http://www.eng.mie-u.ac.jp/admission/index.html

How to Request the Application Guidelines

In order to request the application guidelines, write "Request for the Application Guidelines of the Doctoral course of the Graduate School of Engineering" in red on an envelope, put two items indicated below in it, and send it to Student Affairs Office of the Graduate School of Engineering.

① Return Mail Envelope : Stylized envelop format no.2 (24cm×33.2cm) with zip cord, address, name and 250yen stamp (530yen stamp for express delivery)

② Memo for the Request : A sheet of letter paper which your name, contact information (telephone number etc.), and the type of selection to apply for are written