2020年度（令和2年度）10月入学
October 2020 Admission

大学院医学系研究科生命医科学研究専攻
（修士課程）
Course of Biomedical Sciences in Graduate School of Medicine
（Master’s Program）

学生募集要項
Admission Guidelines

新型コロナウイルス感染症の状況により、
選抜方法が変更となる可能性がありますので、
本学ホームページで最新情報を確認してください。

Owing to the new coronavirus infection (COVID-19),
depending on the situation, Selection Method might be changed.
Please visit our website for the latest Admission information.

群馬大学
Gunma University
Admission Policy of Gunma University

We seek applicants who have academic skills and capabilities required by the graduate schools or institutes according to their programs or specialties. Applicants should be motivated to contribute to the development of society through research and practice.

Admission Policy for Course of Biomedical Sciences in Graduate School of Medicine, Gunma University (Master’s Program)

< Aims in Human Resources Development >
Our program aims to cultivate scientists who will pursue medical science, medical ethics, and medical skills. We hope our graduates will integrate these pursuits and contribute to the progress of medical research and education, and become leaders in health care and medical science.

< Attributes of Desired Candidate >
We will accept students who wish to gain knowledge and skills in biomedical sciences through our program, and become highly-skilled professionals or researchers. Specifically, we will accept those who:
1. strive to gain the ability to perform research independently based on high ethical values and profound academic knowledge.
2. strive to contribute to the society in medical science, health care and welfare filed as highly-skilled professionals by making use of the knowledge and skills they acquired.
3. strive to further develop the knowledge and skills they acquire, and continue to the PhD program to become researchers and/or educators in Biomedical Sciences field.

< Screening Process >
In order to enroll candidates consistent with our admission policy, we will comprehensively evaluate the results of the entrance examination (written test and interview) and undergraduate academic transcripts. We will take the variety in academic backgrounds of applicants into consideration, and allow applicants to select questions from either the biomedical field or the medical physics field for the written examination. We offer October admission in addition to the traditional April admission to increase educational opportunity.
## Number of Students to be Admitted

<table>
<thead>
<tr>
<th>Basic Medicine</th>
<th>Clinical Medicine</th>
<th>Cooperative Department and Joint Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>(Internal Medicine)</td>
<td>Radiation Oncology</td>
</tr>
<tr>
<td>Anatomy and Cell Biology</td>
<td>Cardiovascular Medicine</td>
<td>Diagnostic Radiology and Nuclear Medicine</td>
</tr>
<tr>
<td>Molecular and Cellular Neurobiology</td>
<td>Respiratory Medicine</td>
<td>Psychiatry and Neuroscience</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>Gastroenterology and Hepatology</td>
<td>Anesthesiology</td>
</tr>
<tr>
<td>Integrative Physiology</td>
<td>Endocrinology and Metabolism</td>
<td>Emergency Medicine</td>
</tr>
<tr>
<td>Neurophysiology and Neural Repair</td>
<td>Nephrology and Rheumatology</td>
<td>General Practice Medicine</td>
</tr>
<tr>
<td>Neurobiology and Behavior</td>
<td>Hematology</td>
<td>Rehabilitation Medicine</td>
</tr>
<tr>
<td>Genetic and Behavior Neuroscience</td>
<td>Neurology</td>
<td>Clinical Laboratory Medicine</td>
</tr>
<tr>
<td>Bacteriology</td>
<td>(General Surgical Science)</td>
<td>Human Pathology</td>
</tr>
<tr>
<td>Infectious Diseases and Host Defense</td>
<td>Cardiovascular Surgery</td>
<td>Diagnostic Pathology</td>
</tr>
<tr>
<td>Public Health</td>
<td>General Thoracic Surgery</td>
<td>Pediatrics</td>
</tr>
<tr>
<td>Legal Medicine</td>
<td>Gastroenterological Surgery</td>
<td>Obstetrics and Gynecology</td>
</tr>
<tr>
<td>Medical Philosophy and Ethics</td>
<td>Breast and Endocrine Surgery</td>
<td>Urology</td>
</tr>
<tr>
<td></td>
<td>Hepatobiliary and Pancreatic Surgery</td>
<td>Neurosurgery</td>
</tr>
<tr>
<td></td>
<td>Pediatric Surgery</td>
<td>Ophthalmology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Course</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Physics Course</td>
<td></td>
<td>(Heavy Ion Clinical Medicine)</td>
</tr>
<tr>
<td>International Training Program for Experts in Medical Physics</td>
<td></td>
<td>(Center for Food Science and Wellness)</td>
</tr>
<tr>
<td>Radiation Biomedical Science Course</td>
<td></td>
<td>(Center for Mathematics and Data Science)</td>
</tr>
<tr>
<td>Medicine and Engineering Collaborative Course</td>
<td></td>
<td>Takasaki Advanced Radiation Research Institute, National Institutes for Quantum and Radiological Science and Technology)</td>
</tr>
</tbody>
</table>

Notes: 1. Inquiries about admission should be made directly to supervisors in desired Field of Study (from page 38 on) prior to the actual application process. Major Department can be changed at the end of the 1st semester of the 1st year.

The number of students to be admitted is a few.
2 Qualifications for Application

A person who can apply shall be a person who falls under any of the following provisions.

(1) A person who has graduated or is expected to graduate from a university by September 2020.
(2) A person who has been conferred or is expected to be conferred by September 2020 a bachelor’s degree under the provisions of Article No. 104-4 of the School Education Act (Act No. 26 of 1947).
(3) A person who has completed or is expected to complete a 16-year course of school education in a foreign country by September 2020.
(4) A person who has completed or is expected to complete a 16-year course of foreign school education by taking class subjects in Japan through correspondence courses run by the foreign country concerned by September 2020.
(5) A person who has completed or is expected to complete a foreign country’s university course at an educational institution in Japan (limited to the person who has completed a 16-year course of the said foreign school education) which is designated as having a foreign university’s curriculum in the said foreign country’s education system and separately designated by the Minister of Education, Culture, Sports, Science and Technology by September 2020.
(6) A person who has completed three or more years of study at a foreign university, or foreign educational institution (including a person who, while residing in Japan, has completed the program of education provided by a foreign university or foreign educational institution through correspondence or distance education courses) and who received or is expected to be conferred by September 2020 a degree certificate that is recognized by the Japanese Ministry of Education, Culture, Sports, Science and Technology.
(7) A person who has completed or is expected to complete a specialized course separately designated by the Minister of Education, Culture, Sports, Science and Technology at a vocational school on or after the date specified by the Minister of Education, Culture, Sports, Science and Technology (limited to the vocational school with the school term of four years or more meeting the other standards specified by the Minister of Education, Culture, Sports, Science and Technology).
(8) A person designated by the Minister of Education, Culture, Sports, Science and Technology (Notification No.5 of the Ministry of Education, 1953).
(9) A person who entered a graduate school other than our Graduate School based on the provisions of Article 102-2 of the School Education Act (Act No. 26 of 1947) and who has been recognized by our Graduate School as having academic abilities appropriate for receiving graduate school education.
(10) A person who has been recognized by our Graduate School as having academic abilities equivalent or superior to a person who has graduated a university based on the results of individual screening of the applicant’s qualifications, and who will be 22 years of age by September 30, 2020.
(11) A person who has been enrolled at a university for 3 years or more by September 2020 (including an equivalent person specified by the Minister of Education, Culture, Sports and Technology), and who has been recognized by Gunma University as having acquired the required units with excellent results.

3 Screening etc. for “Qualifications for Application” (Only if applicable)

(1) A person who intends to apply under the provisions of Qualifications for Application (9) or (10) must undergo the screening of requirements for admission of our Graduate School before applying under the following conditions, and the only person who is proved that he/she has Qualifications for Application can apply.

The result of the qualification screening will be notified to each applicant by May 22 (Fri.),2020.

(a) Application period
   May 8 (Fri.), 2020

(b) Application documents
   ① In the case of the screening concerning Qualifications for Application (9):
      I Application for the screening of admission requirements (The form attached to our admission guidelines must be used. [Form-7])
II Academic transcript (faculty results and the document showing the curriculum of the faculty (e.g. syllabus))

III Certificate of student status (issued by the president of the university (graduate school) you are in and with the date of your entrance). If you completed or quit the graduate school, submit the document with the date of your entrance (e.g. the transcript from the graduate school).

IV Published academic papers etc. on research achievements, if any.

② In the case of the screening concerning Qualifications for Application (10):

I Application for the screening of admission requirements (The form attached to our admission guidelines must be used. [Form-7])

II Certificate of Research Activities (The form attached to our admission guidelines must be used. [Form-8])

III Published academic papers etc. on research achievements or other remarkable achievements, if any.

IV Graduation Certificate or Completion Certificate issued by the final educational institution (including a junior college, an advanced vocational school or a vocational school, etc.) from which the applicant graduated.

V Academic transcript issued by the final educational institution (including a junior college, an advanced vocational school or a vocational school, etc.) from which the applicant graduated.

(c) Mailing Address for Application documents:
Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University, 3-39-22 Showa-machi, Maebashi City, Gunma 371-8511, JAPAN
TEL. +81-27-220-7797

(2) A person who intends to apply under the provisions of Qualifications for Application (11) must inquire at the office described in (1)-(c) before applying.

4 Acceptance of Application

(1) Acceptance Period of Application
May 25 (Mon.), to June 5 (Fri.), 2020. (without fail)

(2) Submission Procedures of Application documents
Application documents must be submitted by delivering them only by mail within the application period. Bringing Application documents in person or by proxy, that is not acceptable.

When mailing the documents, be sure to use registered mail and write “Application form for Graduate School of Medicine enclosed” in red on the front of the envelope and send it to Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University described in (3).

Notes:

1. Application documents will not be accepted after the designated application period. The documents should be sent by Express Mail Service (EMS) etc., / mailing period into consideration. When special circumstances need to be taken into consideration, please contact “Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University described in (3) by May 25 (Mon.), 2020 at 4:00 p.m.”

2. If the application documents are sent by ordinary mail, Gunma University will not be responsible for it no matter what happens to the documents.

(3) Address and Reference for the submission of Application
Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University, 3-39-22 Showa-machi, Maebashi City, Gunma 371-8511, JAPAN
TEL. +81-27-220-7797
(4) Application Documents, etc. (The form is also available through the website of the Graduate School of Medicine and the Faculty of Medicine, Gunma University. https://www.med.gunma-u.ac.jp/)

<table>
<thead>
<tr>
<th>Documents</th>
<th>Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Application Form and Curriculum Vitae [Form-1]</td>
<td>Fill out the form attached to our admission guidelines or obtained from the website. Only the person who has graduated or will graduate from a school in foreign countries must fill in his/her curriculum vitae.</td>
</tr>
<tr>
<td>2 Statement of Purpose [Form-3]</td>
<td>A statement written by the applicant describing reasons for applying. (The number of characters is not limited.)</td>
</tr>
</tbody>
</table>
| 3 Entrance Examination Fee | ¥30,000 (Examination Fee: JPY 30,000) Please select one from the following four payment methods.  
1. Payment at a convenience store (make sure that you have a personal computer or cell phone nearby).  
   (1) Refer to the page 35 when you pay at a convenience store. Payment commissions must be borne by the person who pays the fees.  
   (2) After payment, receive the "Application Fee Statement", detach the "Certificate of Payment" (receipt) portion from it, and paste it on the prescribed place in the "Sheet for Certificate of Transfer Receipt" [Form 4].  
   (3) Payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020. When you make payment via the website, you have to pay 30 minutes before the end of payment period.  
2. Payment by credit card (make sure that you have a personal computer or cell phone connected to a printer with A4 nearby).  
   (1) Refer to the page 35 when you pay by credit card. Payment commissions must be borne by the person who pays the fees.  
   (2) After payment, print the "Application Fee Statement", detach the "Certificate of Payment" (receipt) portion from it, and paste it on the prescribed place in the "Sheet for Certificate of Transfer Receipt" [Form 4].  
   (3) Payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020.  
3. Remittance from abroad  
   (1) Please make a remittance on a yen basis from a bank teller’s window to the Following bank account (a bank transfer fee and an overseas remittance fee must be borne by an applicant in person).  
   (2) Paste the receipt (the copy of it is also valid) you receive from a bank on the prescribed place in the "Sheet for Certificate of Transfer Receipt" [Form 4]. In addition, if an excess or a deficiency arises in the amount of remittance, please note that it cannot be dealt with.  
   (3) When you make a remittance, please contact a person in charge of Gunma University as below. At which time, be sure to specify your name, the name of the nation from which you remit, and your planning to apply for our Master's Program.  
   (E-mail: kk-mgakumu9@jimu.gunma-u.ac.jp)  
   ○Bank Account  
   Bank: The Towa Bank, LTD (Bank Code: 0516)  
   Branch: Maebashi Kita Branch (Branch Code: 012)  
   Address: 1-5-2 Kokuryo-cho, Maebashi City, Gunma, 371-0033, JAPAN  
   TEL: +81-27-231-6789  
   SWIFT Code: TOWAJPJT  
   Account number: 3169574 (Savings Account)  
   Name of account: GUNMA DAIGAKU  
   Address of Acct. holder: 4-2 Aramaki-machi, Maebashi City, Gunma, 371-8510, JAPAN  
   TEL: +81-27-230-7062  
   (4) Transfer Payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020.  
   (5) Payment by using ATM (Automated Teller Machine), cell phone or personal computer should not be made.  

[Concerning the refund of the entrance examination fee (Common notes to both remittances)]  
*In principle, the entrance examination fee will not be refunded, except the following cases according to the designated procedures.  
① When an application is not made after paying the entrance examination fee.  
② When the entrance examination fee is paid twice, or more than the amount of fixed money accidentally.  
③ When application documents are not accepted after submission.  
Please send the declaration form in which the following 1 ～ 4 are described to admission section in Showa campus of Gunma University. We will refund the entrance examination fee later.
<table>
<thead>
<tr>
<th>Documents</th>
<th>Outline</th>
</tr>
</thead>
</table>
| 3 Entrance Examination Fee | Declaration of claiming back the Entrance Examination Fee (Master’s Program)  
1. The reason why you want to claim back the fee.  
2. Name  
3. Postal Code, Present Address  
4. Phone Number or E-mail Address  
Address for sending the declaration form and inquiries regarding the refund  
Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University, 3-30-22 Showa-machi, Maebashi City, Gunma 371-8511, JAPAN  
TEL: +81-27-220-7797  
# Any processing fees will be deducted from the amount to be refunded.  
# If the applicant is receiving the Japanese Government (MEXT) Scholarship at the time of application, the examination fee payment is not required. Please submit the document certifying the recipient of the scholarship.  
[About the exemption of the entrance examination fee]  
*Applicants who suffered from the Great East Japan Earthquake and disaster* from storm and flood will be exempted from the total amount of examination fee as special measures.  
(Eligible applicants for exemption from entrance examination fee)  
1. Special measures for the Great East Japan Earthquake  
(1) The applicants who suffered in the areas where the Disaster Relief Act in the Great East Japan Earthquake has been applied, and who fall under any of the following categories.  
① Applicants whose houses, which are owned by paying school expenses, were completely destroyed, largely half-destroyed, partially destroyed, or washed away.  
② Applicants whose paying school expenses are dead or missing.  
(2) Applicants whose paying school expenses are recognized that their domiciles were designated as warning areas, deliberate evacuation areas, areas where it is expected that the residents have difficulties in returning for a long time, areas in which the residents are not permitted to live, and areas to which evacuation orders are ready to be lifted due to the Fukushima Daiichi nuclear disaster.  
2. Special measures for the disaster from storm and flood  
(1) The applicants who suffered in the areas where the Disaster Relief Act in the disaster from storm and flood within one year before the application period has been applied, and who fall under any of the following categories.  
① Applicants whose houses, which are owned by paying school expenses, were completely destroyed, largely half-destroyed, partially destroyed, or washed away.  
② Applicants whose paying school expenses are dead or missing.  
(2) For further information, please contact the following.  
Inquiries:  
Admissions Office, Educational Division, Gunma University  
TEL: +81-27-220-7149 |
| 4 Sheet for Certificate of Transfer Receipt or Certificate of Payment [Form-4] | Paste the ‘Certificate of Transfer Receipt’ or ‘Certificate of Payment’ on the space designated on Form-4. |
| 5 Photograph Verification Card [Form-5] Examination Admission Card [Form-6] | Write your name on the back of the photograph (waist-up, full-face and uncovered head [L4 cm x W3 cm]) taken within three months prior to the application and paste it on the prescribed column in the Photograph Verification Card.  
Photograph Verification Card and Examination Admission Card must be submitted while still attached (do not cut them apart). |
| 6 Certificate of Graduation (or expected graduation) | The certificate issued by the president of the university or the graduate school from which you graduated.  
However, those who have passed the screening of admission requirements by our Graduate School under Qualifications for Application (10), and who have graduated from the Faculty of Medicine of Gunma University are not required to submit it. |
| 7 Certificate of Bachelor’s Degree | The certificate proved by the institution which conferred the bachelor’s degree. Attach the academic record supporting conferment of the said degree.  
(Note) This item 7 applies only to a person who falls under "Qualifications for Application (2)". |
| 8 Certificate of Bachelor’s Degree | Attach the diploma or other certificate of Bachelor’s Degree which is conferred from the university of educational establishment.  
This item 8 applies to a person who falls under "Qualifications for Application (6)" |
| 9 Academic transcript | The transcript issued by the presidents of the university and the graduate school from which you graduated and sealed.  
However, those who have passed the screening of admission requirements by our Graduate School under Qualifications for Application (9) or (10), and who have graduated from the Faculty of Medicine of Gunma University are not required to submit it. |
<table>
<thead>
<tr>
<th>Documents</th>
<th>Outline</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Total grades of the academic transcript [Form-2]</td>
<td>The certificate issued by the presidents of the university (Bachelor’s Degree) from which you graduated and sealed tightly. Fill out the total grades of the academic transcript form attached to the Admission Guidelines or obtained from the website. Applicants who have graduated from the Faculty of Medicine of Gunma University are not required to submit it.</td>
</tr>
<tr>
<td>11 Name and Address Card [Form-9]</td>
<td>Fill out the form attached to the Admission Guidelines or obtained from the website.</td>
</tr>
<tr>
<td>12 Self-addressed envelope larger than 120mm x 235mm</td>
<td>The self-addressed envelope with the applicant’s name, postal code and for ¥374 (JPY 374) stamped. In addition, an applicant from overseas is not required to submit it.</td>
</tr>
<tr>
<td>13 Certificate confirming “Qualifications for Application” (A copy of it is acceptable)</td>
<td>A person who has undergone the screening of admission requirements conducted by our Graduate School about whether he/she falls under Qualifications for Application (9) or (10) before applying and has also been proved to have qualifications for application must submit it.</td>
</tr>
<tr>
<td>14 Score report in TOEFL, TOEIC Listening &amp; Reading Test (Open Test) or IELTS (Academic Module)</td>
<td>Please read the section 6 Selection Method on page 29, and submit any score or certificate with other application documents.</td>
</tr>
</tbody>
</table>

Notes: 1. Alteration to the contents of the application documents will not be accepted after the acceptance of the application documents.  
2. Whatever the reason may be, the application documents accepted will not be returned.  
3. When it turns out that matters described in the application documents do not agree with the facts, the success in the examination and the admission may be revoked.  
4. An applicant may be requested to submit additional documents other than those listed in the above if our University deems it necessary to confirm the qualifications for application.  
5. When your former name is used in each certificate, an official document (family register, etc.) to prove the relation between your current name and former name must be attached.

(5) Sending of Examination Admission Card etc.

Examination Admission Card etc. will be sent to the applicant after paperwork following the acceptance of Application documents. If you don’t receive your Examination Admission Card etc. by June 16 (Tue.), 2020, (It might except for overseas applicants) inquire to the Admissions Section, Educational Affairs Office, Administration Division, Showa Campus (TEL. +81-27-220-7797, E-mail:kk-mgakumu5@ jimu.gunma-u.ac.jp).
5 Preliminary Consultation for Applicants with Disabilities etc.

Gunma University provides academic support to students with disabilities etc. When you have a disability and need consideration in examination and your study, prior to an application, please consult with our university beforehand.

(1) When to consult
As due date of consultation is May 15 (Fri.), 2020, please consult as soon as possible.
Please note that we may not be able to accommodate the consultation after the deadline.

(2) How to consult
Please submit a consultation document (its format is optional) by attaching required documents including a doctor’s certificate.
When necessary, the interview with the persons concerned with the school from which an applicant graduated, or his/her family etc. who can speak for the applicant or his/her position is performed in our university.

(3) Mailing Address for Consultation document:
Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University, 3-39-22 Showa-machi, Maebashi City, Gunma 371-8511, Japan
TEL. +81-27-220-7797

6 Selection Method

Selection will be made by comprehensive ability of English, the oral examination score of the major field and the academic transcript issued by the president of the university etc. from which you graduated. For those who submitted the result, the foreign language examination (English) will not be held on the examination day.

(1) About foreign language examination (English)

① The result of TOEFL-iBT (internet Based Test), TOEIC Listening & Reading Test (Open test), or IELTS (Academic Module) submitted by applicants are used in place of the foreign language examination.

② The score of TOEFL-iBT (internet Based Test), TOEIC Listening & Reading Test (Open test), or IELTS (Academic Module) will be converted into the score of the foreign language examination (English) based on the following conversion table. The score in TOEFL-ITP (TOEFL Institutional Testing Program) will also be the subject of evaluation.

TOEFL, TOEIC Listening & Reading Test (Open Test) or IELTS (Academic Module) which has been issued in less than 2 years shall be valid. The submitted score report, score card or official score certificate of TOEFL, TOEIC Listening & Reading Test (Open Test) or IELTS shall be the original and a copy of it is unacceptable.
The original will be returned with the Examination Card.

(2) Oral examination

① For applicants with difficulty in coming to Graduate School of Medicine, Gunma University for oral examination, we may use the results of the interview on the Internet for evaluation.

② In principal, the oral examination of the international student entrance examination is held in English. Subsequently, we may ask some questions about Japanese proficiency.

③ Date of examination
The examination is determined to be scheduled for the interview on the Internet individually.

(3) Messages about the applicants
Contact the supervisor you want to receive guidance (see pages 39-42) prior to the application and make sure to consult him/her on your research plan after admission.
(4) Conversion table for TOEFL, TOEIC Listening & Reading Test (Open Test) and IELTS (Academic Module)

<table>
<thead>
<tr>
<th>Conversion of English examination</th>
<th>60</th>
<th>65</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOEFL-ITP</td>
<td>475 or above</td>
<td>487 or above</td>
<td>500 or above</td>
<td>525 or above</td>
<td>550 or above</td>
<td>600 or above</td>
</tr>
<tr>
<td>TOEFL-iBT</td>
<td>52-53 or above</td>
<td>57 or above</td>
<td>61 or above</td>
<td>70-71 or above</td>
<td>79-80 or above</td>
<td>100 or above</td>
</tr>
<tr>
<td>TOEIC Listening &amp; Reading Test (Open Test)</td>
<td>514 or above</td>
<td>549 or above</td>
<td>586 or above</td>
<td>658 or above</td>
<td>730 or above</td>
<td>874 or above</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conversion of English examination</th>
<th>37</th>
<th>51</th>
<th>70</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>IELTS (Academic Module)</td>
<td>5</td>
<td>5.5</td>
<td>6</td>
<td>6.5</td>
<td>7</td>
</tr>
</tbody>
</table>

7 Date and Locations for Examination

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Examination Subject</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 22 (Mon.), 2020</td>
<td>10:00–12:00</td>
<td>Oral Examination of Desired Major Field</td>
<td>Graduate School of Medicine, Gunma University etc.</td>
</tr>
</tbody>
</table>

8 The Aim of Each Examination Subject

Oral Examination of Desired Major Field……

Basic academic ability necessary for engaging in studies in major field and willingness to study will be examined.

※The oral examination will be held by supervisors of major field of your first choice.

**Applicant must contact the supervisor of his/her desired major field and get consent to apply for admission before deciding his/her desired major field.**

9 Exam Instructions

1. Bring Examination Admission card with you on the examination day.
2. Examinees must take all tests on the examination subjects assigned, or he/she will be disqualified.
3. When a delay occurs on the public transport on the examination day, please refer to:
   Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University (TEL. +81-27-220-7797)
4. If unexpected incidents (a disaster, an accident, etc.) happen on the day of examination, visit our website (https://www.med.gunma-u.ac.jp/) for your reference. In principle, we will not conduct supplementary examinations.

10 Announcement of Selection Results

Letters of acceptance will be mailed to successful applicants on July 31 (Fri.), 2020. At the same time, successful applicants’ numbers will be posted on the website of “the Graduate School of Medicine and the Faculty of Medicine, Gunma University” after 10:00 a.m. to the date for admission procedures. Notice about the announcement of selection results will not be posted in Gunma University campus.

Additionally, any inquiries about selection results by telephone will not be accepted.
11 Admission Procedures

The successful applicant is required to read the “admissions guide” enclosed with “the letter of acceptance” carefully and must prepare (1) fees and documents for admission procedures, (3) during the period of the admission procedures, and submit them to the (4) Mailing address only by mail.

(1) Fees and documents for admission procedures

① Admission fee: ¥282,000 (JPY 282,000)
Notes: (a) Any revisions to admission fee on admission during enrollment shall be applied.
(b) Methods for payment of the admission fee will be informed separately.
(c) Admission fee paid shall not be refunded under any circumstances.
② Examination admission Card
③ Any additional documents instructed in the admissions guide.

(2) Fees for after entrance.

Tuition fee (second-semester): ¥267,900 (JPY 267,900) (Annual tuition fee: ¥535,800 (JPY 535,800))
Notes: (a) Any revisions to tuition fees during enrollment shall be applied.
(b) Methods for payment of the tuition fee will be informed separately.
(c) Tuition fee including the tuition fee second-semester can be paid at the time of paying the tuition fee for first-semester according to the successful applicant’s wishes.
(d) If a person who completes the admission procedures declines the admission by September 30 (Wed.), 2020, the amount equivalent to the tuition fee paid shall be refunded based on his/her request by following the prescribed procedures.

(3) Period of Admission Procedures

① By mail: The necessary documents must arrive at the university no later than August 17 (Mon.), 2020.
Note: Whether he/she will be regarded as a person who declines the admission if the admission procedures have not been completed by the above deadline.

(4) Mailing address
Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University, 3-39-22 Showa-machi, Maebashi City, Gunma 371-8511, JAPAN

12 Exemption and Postponement of Admission Fee and Tuition Fee

The admission fee or the tuition fee may be exempted for admitted students who have difficulty paying due to special circumstances.
Also, the collection of admission fee or tuition fee can be postponed for a certain period for students who have difficulty paying by the specified deadline.

Inquiries:
Education and Student Support Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University TEL. +81-27-220-7796

13 Scholarship

Student loan and scholarships are available by Japan Student Services Organization (JASSO) for a person who has difficulty in paying the tuition fee, and who has great academic performance and excellent character.

Inquiries:
Education and Student Support Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University TEL. +81-27-220-7792

14 Disclosure of Admission Information

Admission Information will be disclosed in the following way:
(1) Disclosed on the website of the Graduate School of Medicine and the Faculty of Medicine, Gunma University on and after November 2 (Mon.), 2020. (https://www.med.gunma-u.ac.jp/)

The above information contains number of applicants, number of examinees, number of successful applicants, number of newly enrolled students, the number of men and women in the newly enrolled students.

(2) Disclosed by the examinee’s request in written form.

The said examinee’s totaled scores on the entrance examination will be disclosed in written form.

○Period for acceptance of disclosure request

From November 2 (Mon.), to November 30 (Mon.), 2020

Admissions Section, Educational Affairs Office, Administration Division, Showa Campus of Gunma University

TEL. +81-27-220-7797

15 Protection of the Personal Information about the Applicants for Admission etc.

Gunma University will acquire the personal information about the applicants etc. through the application documents submitted and the personal information about the examinees by carrying out the entrance examination, but the personal information described above will be used only for the following operations based on “Act on the Protection of Personal Information Held by National University Corporation Gunma University”.

(1) For the operations (including subordinate operation, such as statistical treatment) concerning the selection of newly enrolled students.

(2) For the operations concerning the student advising, the student support, and the tuition fee collection after enrollment as the data on the newly enrolled student in the case of a person who completes the admission procedures.

(3) For the operation concerning the surveys and research for the purpose of university management (This includes improvement of entrance examinations, survey and analysis of application trends, and preparation of various statistical data.)

Moreover, in the case of investigation, research presentation using the said personal information, it processes so that an individual cannot be specified.
Access to Admission Section

○ Address
Gunma University Course of Medical Sciences in Graduate School of Medicine
3-39-22 Showa-machi, Maebashi City, Gunma 371-8511, Japan
TEL. +81-27-220-7797 (Admissions Section, Educational Affairs Office)

○ Public Transeptation

<table>
<thead>
<tr>
<th>Bus Stop (getting on)</th>
<th>Destinations</th>
<th>Bus Stop (getting off)</th>
<th>Expected time required</th>
<th>Notes</th>
</tr>
</thead>
</table>
| JR Ryomo Line Maebashi station, North Exit | · Bound for Gunma University Hospital  
· Bound for Aramaki Campus via Gunma University Hospital (including via Nankitsudanchi) | Gundai Byouin | about 15min | Kan-etsu Transportation |
| JR Jouetsu Line front of Shibukawa Station | · Bound for Shibukawa station (including via Gunma University Aramaki Campus)  
· Shibukawa City Circular Bus Bound for Shibukawa station (via Gunma University Aramaki Campus)  
· Bound for Gunma Children’s Medical Center (including via Gunma University Aramaki Campus) | Gundai Byouin, Iriguchi | about 13min by bus and 6min by walk | Kan-etsu Transportation |
| JR Jouetsu Line front of Maebashi Station | · Bound for Maebashi station (including Shibukawa City Circular Bus, via Gunma University Aramaki Campus) | Gundai Byouin, Iriguchi | about 30min by bus and 6min by walk | Kan-etsu Transportation |

※ There are not any transportations from JR Gunmasouja Station and JR Shinmaebashi Station.
※ Please come to your examination place with time to spare at a specified time, after checking the latest information.
GUNMA UNIVERSITY
How to make Payment of Examination Fee at Convenience Store or by Credit Card
Now you can transfer funds to pay for your entrance examination - 24 hours a day - from your nearest Lawson, Ministop, FamilyMart, Seven-Eleven or Credit Card.

1. Advance Web Application

Visit the payment site homepage from your computer or cell phone at:

https://e-shiharai.net/

※ You can not correct or cancel anything once your credit card payment has been made. Please check all your information carefully before you confirm the application.
※ If you input the wrong information when trying to obtain your application number, please start again from the beginning and make your payment. If you are not able to make the required payment before the due date you will receive this deadline upon completing the online application, all the information you had input will be canceled automatically.

2. Convenience Store Payment

[13-digit Payment No.]
 mattresses

Tell the counter staff that you want to make an "internet shiharai." Then provide your Payment No. and your Name and Address.
A multifunction copier can not be used to make payment.

● Make the payment at the register.
● Receive an Application Fee Statement. Detach the Certificate of Payment (receipt) portion.

[13-digit Payment No.]
 mattresses

Lawson

Tell the staff that you want to make an "internet shiharai." Then provide your Payment No. and your Name and Address.
A multifunction copier can not be used to make payment.

● Make the payment at the register.
● Receive an Application Fee Statement. Detach the Certificate of Payment (receipt) portion.

3. Application

[Pay by Convenience Store]

Affix the receipt portion to "The Certificate of Payment" in the designated location.

● During payment periods and application periods mentioned in the application documents, you can make a payment anytime. Please confirm from application documents and complete payment in time for the application period.
● On the last date of the payment period, the web application will be closed at 11pm, and the final deadline for the information terminal at convenience stores (Lawson, Ministop, or K-Station) will be at 11:30pm.
● Your inquiry about the payment of "the entrance examination fee" is not able to be handled at the convenience store. For further information, please check our website.

[Pay by Credit Card]

After making your payment, please make sure you have access to a printer with paper/A4. Access "申込内容確認 (Inquiry)" at e-shiharai.net.

Please [1. Check your card.], [2. Input Receipt Number.] [3. Input your Birth Date (YYYY/MM/DD)][4.], and click "確認." Then all of your application information is displayed. Click "button 申請書を印刷する " to print the "Application Form." Also, click "button "Confirm the information on the "Certificate of Payment" in the designated location. Please affix it to all necessary application documents.

● If you have made your payment using a credit card, it is not necessary to enclose a bank receipt of any kind.

● Please note that refund is not possible once you have made a payment of Entrance examination fee.
● A fee is added to Examination fee. For further info, please visit our website.
● Please directly contact the credit card company if your card is not accepted.
● It will be announced on our website if either the convenience stores which handle payments or the methods of payment are changed.
Outline of the in Biomedical Sciences Course (Master’s Program)

1 Purpose of setting up the course and specific educational aims

Recent advances in life sciences and information sciences have opened up abundant prospects for applying the achievements of basic research within bio-related industries and new medical services, including drug discovery and regenerative medicine. At the same time, there is a need to solve many challenges, such as medical ethics and information security that are associated with advanced medical technology, and community healthcare support in our aging society, which are opening up a wide range of potential roles for medical researchers and health professionals. Many doors are being opened to non-medical school graduates and trained researchers, educators, and/or highly skilled workers who can exercise leadership in the life sciences and medical fields. However, there is a looming shortage of researchers/educators able to respond to the needs of society and who can take an active role in Biomedical Sciences, this new interdisciplinary field between life sciences and medicine.

There is also a growing number of non-medicine, non-veterinary, and non-dentistry graduates who are hoping to pursue their interest in life science research or medical fields; however, before these graduates can enter a graduate school of medicine to take a PhD course, they either need to have obtained a Master’s Degree or must have more than two years’ research experience at a university or research institute. Gunma University Graduate School of Medicine has been shifting its focus of interest to new interdisciplinary fields. For example, in 2003, we re-organized our Medical Sciences Course (Doctoral Program) and our research and educational system into a basic plus clinical integrated style, and established a PhD program in health sciences, now being run by the Graduate School of Health Sciences. The implementation of a day/evening course system for both programs allowed us to offer the course to mature students not from only the medical and health science fields, but also from related fields. However, we were still unable to accept graduates from facilities other than medicine, veterinary, or dentistry directly to our medical sciences course.

In response to increasing demand, and to broaden our intake of graduates from other faculties, we have established a Biomedical Science Course (Master’s program) within the Graduate School of Medicine. This program aims to educate non-medical school graduates in the fundamental knowledge and skills needed to engage in the type of independent research that increasingly underpins medical and life sciences, and to foster leadership in medical-related fields on the part of health professional experts.

2 Academic discipline and research targets

Biomedical Sciences is a general term for the life sciences field, which overlaps medicine, life sciences, and other medical interdisciplinary fields. The Biomedical Sciences Course is designed to draw together life sciences and traditional basic medicine/clinical medicine (anatomy, physiology, biochemistry, cell biology, molecular biology, genetics, pharmacology, neuroscience, microbiology, parasitology, pathology, forensic medicine, hygiene, public health, medical ethics, medical informatics, internal medicine, surgical medicine, obstetrics and gynecology, otorhinology, rehabilitation medicine, clinical laboratory medicine, nuclear medicine, oncology, radiology, clinical pharmacology, pediatrics, psychiatry, etc.) as educational and research subjects to promote the elucidation of biological processes from a medical perspective and to establish Biomedical Sciences as a discipline that is aimed at the creation of new medical care: not only diagnosis and treatment, but also the promotion of health and improvement of quality of life.

We extended our research targets to medical physics, a field of growing importance, in academic year 2009, and will continue to promote broader biomedical science research.

3 Curriculum

1 Class subjects are divided into three subdivisions: basic subjects, practical subjects, and subjects suitable for research.

2 Of the basic subjects needed to be taken in the first year, fundamental knowledge of life sciences/medicine and basic techniques of the type required for biomedical science research will be acquired in the required subjects. This will place all students on the same footing. Basic factors within Biomedical Sciences that are needed in
multiple major field will be acquired in the elective subjects. Students who do not decide on a major field on beginning the course will be able to gain an understanding of current problems in medical-related fields, and make their decision based on their specialties, abilities and wishes by the end of the first semester of the 1st year while taking these basic subjects.

3 ) Of the practical subjects offered, elective subjects can be selected that are appropriate to the student’s research project or career options after earning their Master’s Degree. These subjects will advance the understanding of the applicable and practical knowledge required to pursue Biomedical Science research in research area and/or to further improve expertise.

4 ) Research subjects designed to promote the acquisition of knowledge needed to propose and implement a research project, and techniques for presentation of research results.

4 Others

Educational courses in Biomedical Sciences promote specialization in the following subjects.

Medical Physics Course

In this course, established in 2009, we train medical physics professionals who will be able to expand the development of highly-advanced medical technologies such as heavy particle radiotherapy using high-energy carbon ion beams and intensity-modulated radiation therapy using X-rays.

International Training Program for Experts in Medical Physics

This course is designed for prospective leaders in medical physics. The International Training Program for Co-operative Experts in Clinical Oncology, applied by the University of Tsukuba, was selected as a Promotion Plan for the Platform of Human Resource Development for Cancer, launched by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) in 2012. In this course, we use unique teaching methods that employ e-learning strategies.

Radiation Biomedical Science Course

It provides basic knowledge of radiation science by studying linkage subjects in cooperation with Gunma Prefectural College of Health Sciences.

Medicine and Engineering Collaborative Course

This course is open since April 2019 for students who have previously studied natural sciences, engineering, and related fields. The mission of this course is to foster persons who will be able to lead and initiate work combining aspects of medicine and engineering in various sectors of academia, industries, medical institutions, and governmental institutions. Students can engage a wide area of expertise and conduct biomedical research under collaboration with the Graduate Schools of Science and Engineering.
### List of supervisors of each major field

<table>
<thead>
<tr>
<th>Region</th>
<th>Major Field</th>
<th>Supervisor</th>
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<tbody>
<tr>
<td><strong>Basic Medicine</strong></td>
<td></td>
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<tr>
<td>Anatomy</td>
<td>Anatomy and Cell Biology</td>
<td>Hirohide Iwasaki</td>
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<td></td>
<td>Molecular and Cellular Neurobiology</td>
<td>Yoshihiko Matsuzaki</td>
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<td></td>
<td>Biochemistry</td>
<td>Yoji Andrew Manamishima</td>
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<td></td>
<td>Integrative Physiology</td>
<td>Noriyuki Kobuchi</td>
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<td></td>
<td>Neurophysiology and Neural Repair</td>
<td>Hirokazu Hirai</td>
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<td></td>
<td>Neurobiology and Behavior</td>
<td>Kenji Hanamura (Associate Professor)</td>
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<td>Genetic and Behavioral Neuroscience</td>
<td>Yujiro Yamagawa</td>
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<td>Bacteriology</td>
<td>Haruyoshi Tomita</td>
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<td>Infectious Diseases and Host Defense</td>
<td>Wataru Kitamura</td>
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<td>Public Health</td>
<td>Hiroshi Koyama</td>
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<td>Legal Medicine</td>
<td>Yoshitoko Komutani</td>
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<td>Medical Philosophy and Ethics</td>
<td>Kenji Hattori</td>
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<td>(General Surgical Science)</td>
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<td></td>
<td>Cardiovascular Surgery</td>
<td>Tomonobu Abe</td>
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<tr>
<td></td>
<td>General Thoracic Surgery</td>
<td>Ken Shirahe</td>
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<td>Gastroenterological Surgery</td>
<td>Hiroshi Saeki</td>
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<td></td>
<td>Breast and Endocrine Surgery</td>
<td>Takaki Fujii (Associate Professor)</td>
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<td>Hepatobiliary and Pancreatic Surgery</td>
<td>Ken Shirahe</td>
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<td>Pediatric Surgery</td>
<td>Makoto Suzuki</td>
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<td>Radiation Oncology</td>
<td>Tatsuya Ohno</td>
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<td>Clinical Laboratory Medicine</td>
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<td>Human Pathology</td>
<td>Hideaki Yokoo</td>
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<td>Tetsunari Oyama</td>
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<td>Pediatrics</td>
<td>Takumi Takizawa (Associate Professor)</td>
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<td>Obstetrics and Gynecology</td>
<td>Akira Iwasa</td>
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<td>Urology</td>
<td>Kazuhiro Suzuki</td>
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<td>Yohi Yoshimoto</td>
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<td>Ophthalmology</td>
<td>Hideo Akiyama</td>
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<td>Otolaryngology-Head and Neck Surgery</td>
<td>Kazuaki Chikamatsu</td>
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<td>Dermatology</td>
<td>Kazuhiro Suzuki</td>
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<td></td>
<td>Plastic Surgery</td>
<td>Satoshi Yokoo</td>
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<td></td>
<td>Orthopaedic Surgery</td>
<td>Hirota Chikuda</td>
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<td>Clinical Pharmacology and Therapeutics</td>
<td>Koujiro Yamamoto</td>
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<td>Oral and Maxillofacial Surgery</td>
<td>Satoshi Yokoo</td>
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<td>Healthcare Quality and Safety</td>
<td>Yasuhiro Komatsu</td>
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<td>(University Hospital)</td>
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<td>Clinical Trials and Regulatory Science</td>
<td>Tetsuya Nakamura</td>
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<td>Medical Informatics</td>
<td>Yuchiro Saito (Associate Professor)</td>
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<td></td>
<td>(Institute for Molecular and Cellular Regulation)</td>
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<td></td>
<td>Molecular Traffic</td>
<td>Ken Sato</td>
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<td>Molecular Membrane Biology</td>
<td>Mivuki Sato (Associate Professor)</td>
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<td>Yoshio Fujitani</td>
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<td>Laboratory of Epigenetics and Metabolism</td>
<td>Takeshi Inagaki</td>
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<td>Takayuki Yamashita</td>
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<td>Genome Sciences</td>
<td>Izuru Hatada</td>
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<td></td>
<td>Heavy Ion Clinical Medicine</td>
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<td>Medical Physics and Biology for Heavy Ion Therapy</td>
<td>Akhisar Takahashi (Medical Biology)</td>
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<td>Mutsumi Tashiro (Associate Professor/Medical Physics)</td>
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<td>Food Science and Wellness</td>
<td>Tatsuya Ohno</td>
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<td></td>
<td>(Center for Food Science and Wellness)</td>
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<td></td>
<td>Mathematics and Data Science</td>
<td>Takayuki Asao</td>
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<td></td>
<td>(Takasaki Advanced Radiation Research Institute, National Institutes for Quantum and Radiological Science and Technology)</td>
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<td></td>
<td>Quantum Biology</td>
<td>Yasuyuki Ihai</td>
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<td>Yushikito Kobayashi</td>
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<td></td>
<td></td>
<td>Tomoo Funayama</td>
</tr>
</tbody>
</table>

* Due to retire in March 2021
## Contact Information and Main contents (contact number: +81-27-220-the extension number)

<table>
<thead>
<tr>
<th>Region</th>
<th>Major Field</th>
<th>Contact Information</th>
<th>key words</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Medicine</td>
<td>Anatomy</td>
<td>Hirohide Iwasaki Ext. 7910 <a href="mailto:h-iwasaki@gunma-u.ac.jp">h-iwasaki@gunma-u.ac.jp</a></td>
<td>[Keywords] Neuronal circuit, connectome, synapse remodeling, development, vesicle transport, imaging technology, light microscopy, electron microscopy</td>
</tr>
<tr>
<td></td>
<td>Anatomy and Cell Biology</td>
<td>Toshiyuki Matsuzaki Ext. 7910 <a href="mailto:matoshi@gunma-u.ac.jp">matoshi@gunma-u.ac.jp</a></td>
<td>[Keywords] membrane protein, water channel, transporter, immunofluorescence microscopy, immunoelectron microscopy, molecular biology</td>
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<td></td>
<td>Molecular and Cellular Neurobiology</td>
<td>Yasuki Ishizaki * Ext. 7950 <a href="mailto:yasukishizaki@gunma-u.ac.jp">yasukishizaki@gunma-u.ac.jp</a></td>
<td>[Keywords] neural stem cells, neuronal precursor cells, glial precursor cells, glial cells, vascular cells, regenerative medicine</td>
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<td>Biochemistry</td>
<td>Yoji Andrew Minamishima Ext. 7940 <a href="mailto:minamishima@gunma-u.ac.jp">minamishima@gunma-u.ac.jp</a></td>
<td>[Keywords] Hypoxic response, energy metabolism, DNA damage &amp; repair, cell cycle, cellular senescence, lipid mediators, proteomics, metabolomics, and lipidomics <a href="http://biochemistry.med.gunma-u.ac.jp/en/">http://biochemistry.med.gunma-u.ac.jp/en/</a></td>
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<tr>
<td></td>
<td>Integrative Physiology</td>
<td>Noriyuki Koibuchi Ext. 7920 <a href="mailto:nkoiuchi@gunma-u.ac.jp">nkoiuchi@gunma-u.ac.jp</a></td>
<td>[Keywords] hormone, development, plasticity, regeneration, environmental factors, endocrine disruption</td>
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<td></td>
<td>Neurophysiology and Neural Repair</td>
<td>Hirokazu Hirai Ext. 7930 <a href="mailto:hirai@gunma-u.ac.jp">hirai@gunma-u.ac.jp</a></td>
<td>[Keywords] memory, learning; motor control; regenerative medicine; viral vector; neurodegenerative disease; marmoset; non-human primate model; aging; stem cell therapy; gene therapy; patch clamp</td>
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<td></td>
<td>Neurobiology and Behavior</td>
<td>Kenji Hanamura (Associate Professor) Ext. 8061 <a href="mailto:kenji_hanamura@gunma-u.ac.jp">kenji_hanamura@gunma-u.ac.jp</a></td>
<td>[Keywords] synaptic morphology and function, actin cytoskeleton, imaging techniques, human iPS cells-derived neurons, radiation damage, high-throughput put</td>
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<td></td>
<td>Genetic and Behavioral Neuroscience</td>
<td>Yuchio Yanagawa * Ext. 8040 <a href="mailto:yuchio@gunma-u.ac.jp">yuchio@gunma-u.ac.jp</a></td>
<td>[Keywords] neurotransmitter, GABA, knockout mice, transgenic rats, neuropsychiatric disorders, model mouse</td>
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<tr>
<td></td>
<td>Bacteriology</td>
<td>Haruyoshi Tomita Ext. 7990 <a href="mailto:tomitaha@gunma-u.ac.jp">tomitaha@gunma-u.ac.jp</a></td>
<td>[Keywords] multi-drug resistant bacteria, VRE, MDRP, enterococcus, bacteriocin, conjugative plasmid, transposon</td>
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<td></td>
<td>Infectious Diseases and Host Defense</td>
<td>Wataru Kamitani Ext. 8020 <a href="mailto:wakamita@gunma-u.ac.jp">wakamita@gunma-u.ac.jp</a></td>
<td>[Keywords] Coronavirus, Molecular biology, Reverse genetics of Virus, Host-Pathogen interaction, Malaria, Infectious immunity</td>
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<td></td>
<td>Public Health</td>
<td>Hiroshi Koyama * Ext. 8010 <a href="mailto:hkoyma@gunma-u.ac.jp">hkoyma@gunma-u.ac.jp</a></td>
<td>[Keywords] trace element, selenium, cancer prevention, depression screening, and epidemiology, public health ethics</td>
</tr>
<tr>
<td></td>
<td>Legal Medicine</td>
<td>Yoshihiko Kominato Ext. 8030 <a href="mailto:kominato@gunma-u.ac.jp">kominato@gunma-u.ac.jp</a></td>
<td>[Keywords] legal medicine, personal identification, ABO blood group, enhancer</td>
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<tr>
<td></td>
<td>Medical Philosophy and Ethics</td>
<td>Kenji Hattori Ext. 4755 <a href="mailto:hattori@gunma-u.ac.jp">hattori@gunma-u.ac.jp</a></td>
<td>[Key words] clinical ethics, medical ethics, philosophy of medicine, medical ethics education</td>
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<tr>
<td></td>
<td>Cardiovascular Medicine</td>
<td>Masahiko Kurabayashi * Ext. 8140 <a href="mailto:mkuraba@gunma-u.ac.jp">mkuraba@gunma-u.ac.jp</a></td>
<td>[Keywords] vascular biology, atherosclerosis, heart failure, myocardial infarction, transcription factors</td>
</tr>
<tr>
<td></td>
<td>Respiratory Medicine</td>
<td>Toshitaka Maeno (Associate Professor) Ext. 8000 <a href="mailto:mutoyu03@gunma-u.ac.jp">mutoyu03@gunma-u.ac.jp</a></td>
<td>[Keywords] lung cancer, allergic respiratory disease, COPD, lung fibrosis, infectious lung disease</td>
</tr>
<tr>
<td></td>
<td>Gastroenterology and Hepatology</td>
<td>Toshio Uraoka Ext. 8148 <a href="mailto:uraoka@gunma-u.ac.jp">uraoka@gunma-u.ac.jp</a></td>
<td>[Keywords] gastrointestinal tumor, endoscopy, esophageal motility disorder, inflammatory bowel disease, hepatocarcinogenesis, non-alcoholic steatohepatitis</td>
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<tr>
<td></td>
<td>Endocrinology and Metabolism</td>
<td>Masanobu Yamada Ext. 8120 <a href="mailto:myamada@gunma-u.ac.jp">myamada@gunma-u.ac.jp</a></td>
<td>[Keywords] lifestyle diseases, endocrine disorders, diabetes mellitus, molecular biology, gene mutation</td>
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<tr>
<td></td>
<td>Nephrology and Rheumatology</td>
<td>Keiju Hiromura Ext. 8166 <a href="mailto:hiromura@gunma-u.ac.jp">hiromura@gunma-u.ac.jp</a></td>
<td>[Keywords] nephrology, glomerulonephritis, tubulointerstitial injury, rheumatology, lupus nephritis, vasculitic syndrome</td>
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</tbody>
</table>

* Due to retire in March 2021
<table>
<thead>
<tr>
<th>Region</th>
<th>Major Field</th>
<th>Contact Information</th>
<th>key words</th>
</tr>
</thead>
</table>
|        | Hematology  | Hiroshi Handa  
(Associate Professor)  
Ext. 8166  
handahiros@gunma-u.ac.jp | [Keywords]  
hematologic malignancy, genome, epigenome, coagulation disorder, next generation sequencer |
|        | Neurology   | Yoshi Ikeda  
Ext. 8060  
ikeday006@gunma-u.ac.jp | [Keywords]  
Alzheimer disease, dementia, amyotrophic lateral sclerosis (ALS), spinocerebellar ataxia (SCA), microsatellite-repeat |
|        | Cardiovascular Surgery | Tomonobu Abe  
Ext. 8240  
tomonobuabe@gunma-u.ac.jp | [Keywords]  
surgery, heart, brain, ischemia, reperfusion injury, organ protection |
|        | General Thoracic Surgery | Ken Shirabe  
Ext. 8800  
kshirabe@gunma-u.ac.jp | [Keywords]  
surgical oncology, mechanism of proliferation, invasion and metastasis, driver gene, diagnosis and treatment |
|        | Gastroenterological Surgery | Hiroshi Saeki  
Ext. 8220  
h-saeki@gunma-u.ac.jp | [Keywords]  
carcinogenesis and cancer progression, gastrointestinal motility, novel diagnostic method, development of therapeutic method, surgical education |
|        | Breast and Endocrine Surgery | Takaaki Fujii  
(Associate Professor)  
Ext. 8224  
takaaki@gunma-u.ac.jp | [Keywords]  
breast cancer, biomarkers, lymph node metastasis, TILs, microRNA, PET |
|        | Hepatobiliary and Pancreatic Surgery | Ken Shirabe  
Ext. 8800  
kshirabe@gunma-u.ac.jp | [Keywords]  
cancer microenvironment, hepatobiliary and pancreatic cancer, sarcopenia, and laparoscopic surgery for hepatobiliary and pancreatic disease. |
|        | Pediatric Surgery | Makoto Suzuki  
Ext. 8224  
suzuki-m@gunma-u.ac.jp | [Keywords]  
surgical oncology, circulating tumor cells, minimally invasive surgery, gastro-intestinal motility, enterobacterial flora |
|        | Radiation Oncology | Tatsuya Ohno  
Ext. 8880  
tohno@gunma-u.ac.jp | [Keywords]  
Precision medicine, DNA repair, anti-tumor immunity, high precision radiotherapy, image-guided brachytherapy, carbon ion radiotherapy, multidisciplinary cancer treatment |
|        | Diagnostic Radiology and Nuclear Medicine | Yoshiito Tsushima  
Ext. 8400  
yoshitotsushima@gunma-u.ac.jp | [Keywords]  
diagnostic radiology, nuclear medicine, CT, MRI, US, SPECT, PET, interventional radiology |
|        | Psychiatry and Neuroscience | Masato Fukuda  
Ext. 8180  
fukuda-psy@gunma-u.ac.jp | [Key words]  
psychiatric disorder, neuroimaging, stress, mental illness, brain function |
|        | Anesthesiology | Shigeru Saito  
Ext. 8450  
shigerus@gunma-u.ac.jp | [Keywords]  
anesthesia, neuroimaging, consciousness, pain, brain function |
|        | Emergency Medicine | Kiyohiro Oshima  
Ext. 8541  
kiyohiro@gunma-u.ac.jp | [Keywords]  
cardiopulmonary arrest, cardiopulmonary resuscitation, severe trauma, reperfusion injury, coagulation |
|        | General Practice Medicine | Junichi Tamura  
Ext. 8665  
jtamura@gunma-u.ac.jp | [Keywords]  
general medicine, gerontology, primary care, nutrition |
|        | Rehabilitation Medicine | Naoki Wada  
Ext. 8655  
nwada@gunma-u.ac.jp | [Keywords]  
rehabilitation medicine, disability studies, motion analysis, autonomic nervous system, virtual reality |
|        | Clinical Laboratory Medicine | Masami Murakami  
Ext. 8550  
murakami@gunma-u.ac.jp | [Keywords]  
Laboratory medicine, gene analysis, diabetes mellitus, thyroid disease, atherosclerosis, infectious diseases, sports medicine, clinical laboratory medicine, lifestyle-related disease |
|        | Human Pathology | Hideaki Yokoo  
Ext. 7970  
yokoo@gunma-u.ac.jp | [Keywords]  
neuropathology, brain tumor, molecular and cytogenetics of tumor, glial cells, translational research |

* Due to retire in March 2021
<table>
<thead>
<tr>
<th>Region</th>
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<th>key words</th>
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<tbody>
<tr>
<td></td>
<td>Diagnostic Pathology</td>
<td>Tetsunari Oyama Ext. 7980 <a href="mailto:oyama@gunma-u.ac.jp">oyama@gunma-u.ac.jp</a></td>
<td>cancer morphology, multi-step carcinogenesis, oncogene, tumor suppressor gene, protein expression</td>
</tr>
<tr>
<td></td>
<td>Pediatrics</td>
<td>Takumi Takizawa (Associate Professor) Ext. 8479 <a href="mailto:takizawa@gunma-u.ac.jp">takizawa@gunma-u.ac.jp</a></td>
<td>allergic diseases, neurodegenerative disorder, acute leukemia, nephrosis, inflammatory bowel diseases</td>
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<tr>
<td></td>
<td>Obstetrics and Gynecology</td>
<td>Akira Iwase Ext.8420 <a href="mailto:akwase@gunma-u.ac.jp">akwase@gunma-u.ac.jp</a></td>
<td>Reproductive medicine and biology, Reproductive endocrinology, Gynecologic oncology, Perinatal medicine, Endometriosis, Minimally invasive surgery</td>
</tr>
<tr>
<td></td>
<td>Urology</td>
<td>Kazuhiro Suzuki Ext. 8300 <a href="mailto:kazu@gunma-u.ac.jp">kazu@gunma-u.ac.jp</a></td>
<td>urological tumor, prostate cancer, androgen dependency, screening</td>
</tr>
<tr>
<td></td>
<td>Neurosurgery</td>
<td>Yuhei Yoshimoto Ext. 8510 <a href="mailto:yyoshimo@gunma-u.ac.jp">yyoshimo@gunma-u.ac.jp</a></td>
<td>micro-neurosurgery, interventional radiology, endoscopic neurosurgery, intraoperative imaging, intraoperative neurophysiology</td>
</tr>
<tr>
<td></td>
<td>Ophthalmology</td>
<td>Hideo Akiyama Ext. 8338 <a href="mailto:akiyama@gunma-u.ac.jp">akiyama@gunma-u.ac.jp</a></td>
<td>hematologic malignancy, genome, epigenome, coagulation disorder, HIV, next generation sequencer</td>
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<tr>
<td></td>
<td>Otolaryngology</td>
<td>Kazuaki Chikamatsu Ext. 8350 <a href="mailto:tikamatu@gunma-u.ac.jp">tikamatu@gunma-u.ac.jp</a></td>
<td>head and neck cancer, immunosuppression, cancer immunotherapy, tumor microenvironment</td>
</tr>
<tr>
<td></td>
<td>Dermatology</td>
<td>Kazuhiro Suzuki Ext. 8300 <a href="mailto:kaz@gunma-u.ac.jp">kaz@gunma-u.ac.jp</a> Sei-ichiro Motegi (Associate Professor) Ext. 8284 <a href="mailto:smotegi@gunma-u.ac.jp">smotegi@gunma-u.ac.jp</a></td>
<td>Skin, skin sclerosis, cutaneous malignant tumors, wound healing, hereditary skin diseases</td>
</tr>
<tr>
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<td>Plastic Surgery</td>
<td>Takaya Makiguchi Ext. 8484 <a href="mailto:tmakiguchi@gunma-u.ac.jp">tmakiguchi@gunma-u.ac.jp</a></td>
<td>reconstruction, free flap, wound healing, breast reconstruction</td>
</tr>
<tr>
<td></td>
<td>Orthopaedic Surgery</td>
<td>Hirotaka Chikuda Ext. 8260 <a href="mailto:chikudai@gunma-u.ac.jp">chikudai@gunma-u.ac.jp</a></td>
<td>osteoarthritis, spondylotic deformans, joint arthroplasty, sports injury, musculo-skeletal tumor</td>
</tr>
<tr>
<td></td>
<td>Clinical Pharmacology and Therapeutics</td>
<td>Koujiro Yamamoto Ext. 8743 <a href="mailto:koujiro@gunma-u.ac.jp">koujiro@gunma-u.ac.jp</a></td>
<td>clinical pharmacology, pharmacokinetics, genetic polymorphisms, individualization of drug therapy</td>
</tr>
<tr>
<td></td>
<td>Oral and Maxillofacial Surgery</td>
<td>Satoshi Yokoo Ext. 8480 <a href="mailto:syokoo@gunma-u.ac.jp">syokoo@gunma-u.ac.jp</a></td>
<td>oral mucous wound healing, oral and maxillofacial reconstruction, oral cancer, salivary gland, jaw deformity</td>
</tr>
<tr>
<td></td>
<td>Healthcare Quality and Safety</td>
<td>Yasuhiro Komatsu Ext. 8767 <a href="mailto:komayastu@gunma-u.ac.jp">komayastu@gunma-u.ac.jp</a></td>
<td>healthcare quality, patient safety, quality indicator, shared decision making, interprofessional collaboration</td>
</tr>
<tr>
<td></td>
<td>Clinical Trials and Regulatory Science</td>
<td>Tetsuya Nakamura Ext. 8740 <a href="mailto:nakamura@gunma-u.ac.jp">nakamura@gunma-u.ac.jp</a></td>
<td>clinical research, study design, statistics</td>
</tr>
<tr>
<td></td>
<td>Medical Informatics</td>
<td>Yuichiro Saito (Associate Professor) Ext. 8771 <a href="mailto:saito@gunma-u.ac.jp">saito@gunma-u.ac.jp</a></td>
<td>medical information, health care, hospital information system</td>
</tr>
<tr>
<td></td>
<td>Molecular Traffic</td>
<td>Ken Sato Ext. 8840 <a href="mailto:sato-ken@gunma-u.ac.jp">sato-ken@gunma-u.ac.jp</a></td>
<td>membrane trafficking, secretion, metabolism, development, model animal</td>
</tr>
<tr>
<td></td>
<td>Molecular Membrane Biology</td>
<td>Miyuki Sato (Associate Professor) Ext. 8843 <a href="mailto:m-sato@gunma-u.ac.jp">m-sato@gunma-u.ac.jp</a></td>
<td>C. elegans, organelle, autophagy, endocytosis, mitochondria, maternal inheritance</td>
</tr>
<tr>
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<td>Contact Information</td>
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</tbody>
</table>
| Molecular Endocrinology and Metabolism | Tetsuro Izumi  
Ext. 8856  
tizumi@gunma-u.ac.jp | [Keywords] insulin granule exocytosis, membrane trafficking, fat accumulation, immune cell interaction, genetically mutated mouse, live cell imaging |
| Developmental Biology and Metabolism | Yoshio Fujitani  
Ext. 8855  
fujitani@gunma-u.ac.jp | [Keywords] diabetes, glucose metabolism, developmental biology, pancreatic beta cells, genetically engineered mice, beige adipocyte, zinc biology, zinc transporter |
| Metabolic Signaling | Tadahiro Kitamura  
Ext. 8845  
itamura@gunma-u.ac.jp | [Keywords] diabetes, obesity, metabolic syndrome, transcription factor, knockout mouse, insulin, glucagon |
| Laboratory of Epigenetics and Metabolism | Takeshi Inagaki  
Ext. 8835  
inagaki@gunma-u.ac.jp | [Keywords] Epigenetics and Metabolism, Obesity, Diabetes, Energy Metabolism, Transcription Factors, Chromatin Conformation, Histone Modifications |
| Molecular Genetics | Takayuki Yamashita  
*Ext. 8830  
y-taka@gunma-u.ac.jp | [Keywords] DNA replication stress, genomic instability, carcinogenesis, heat shock transcription factor 1, cellular senescence |
| Genome Sciences | Izuhfo Hatada  
Ext. 8057  
hatada@gunma-u.ac.jp | [Keywords] epigenetics, epigenome, DNA methylation, microarray, genome-wide analysis, ageing |
| Laboratory of Integrated Signaling Systems | Tohru Ishitani  
Ext. 8892  
ishitani@gunma-u.ac.jp | [Keywords] signal transduction, morphogen, cell competition, in vivo imaging, disease model |
| Medical Physics and Biology for Heavy Ion Therapy | Akihisa Takahashi  
Ext. 7917  
a-takahashi@gunma-u.ac.jp  
(Medical Biology)  
Mutsumi Tashiro  
(Associate Professor)  
Ext. 8378  
tashiro@gunma-u.ac.jp  
(Medical Physics) | [Keywords] radiotherapy, heavy ion radiotherapy, medical physics, accelerator, radiation biology, effect of space radiation |
| Heavy Ion Clinical Medicine | Tatsuya Ohno  
Ext. 8380  
tohno@gunma-u.ac.jp | [Keywords] heavy ion radiotherapy, multimodality, cancer therapy, biological response, high LET, hypofractionation, imageguided adaptive radiotherapy |
| Food Science and Wellness | Seiji Torii  
Ext. 8859  
storii@gunma-u.ac.jp | [Keyword] cancer, metabolism, endocrine, cell biology, peptide hormones, insulin, reactive oxygen species, ferroptosis |
| Mathematics and Data Science | Takayuki Asao  
Ext. 8353  
asao@gunma-u.ac.jp | [Keywords] Medical devices, PMDA, Database, Natural language processing, Artificial intelligence, Robotic Process Automation, Python |
| Quantum Biology | Takasaki Advanced Radiation Research Institute, National Institutes for Quantum and Radiological Science and Technology  
Yasuyuki Ishii  
Yasuhiro Kobayashi  
Kazu Funayama | [Keywords] ion beam, microbeam, micro-PX, single-ion hit, irradiation of targeted cell, radionicsurgery, bystander effect |

* Due to retire in March 2021
出願書類
Application Forms

◆ 入学願書・履歴書
Application Form and Curriculum Vitae

◆ 成績評価合計数証明書
Certificate of Total grades of the academic transcript

◆ 志願理由書
Statement of Purpose

◆ 検定料収納証明書貼付台紙
Sheet for Certificate of Transfer Receipt, Certificate of Payment

◆ 写真票・受験票
Photograph Verification Card, Examination Admission Card

◆ 入学資格審査申請書（該当者のみ）
Application for the screening for admission requirements
(only a person concerned)

◆ 研究歴証明書（該当者のみ）
Certificate of Research Activities
(only a person concerned)

◆ 宛名票
Name and Address Cards
2020年度10月入学群馬大学大学院医学系研究科生命医科学専攻(修士課程)
入 学 願 書

October Admission 2020 Course of Biomedical Sciences in Graduate School of Medicine, Gunma University (Master's Program)
Application Form

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<th>Examinee’s Number</th>
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<td>志望専攻分野の指導教員に出席の内定を取っている</td>
<td>Did you contact your supervisor and get his/her consent before submitting the application?</td>
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<tr>
<td>はい・いいえ</td>
<td>Yes No</td>
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<td>年月日</td>
<td>Day</td>
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<td>年齢</td>
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<td>個籍</td>
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<tr>
<th>現住所（人気に関する確認のため）</th>
<th>Current Address</th>
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<table>
<thead>
<tr>
<th>出身大学又は学位取得年月日等</th>
<th>University etc. graduated</th>
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<td>(出身大学名を示す場合)</td>
<td>Name of the university</td>
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<tr>
<td>(大学名)</td>
<td>Name of the university</td>
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<tr>
<td>(卒業日)</td>
<td>Date of graduation</td>
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<th>本人以外の入試に関係する連絡先(家族等)</th>
<th>Current Address</th>
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<tr>
<td>氏名</td>
<td>Name</td>
</tr>
<tr>
<td>家族名</td>
<td>Relationship</td>
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<td>日学入</td>
<td>Day(d)</td>
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<td>年月</td>
<td>Year</td>
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<td>月日</td>
<td>Month</td>
</tr>
<tr>
<td>日卒業</td>
<td>Day(g)</td>
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<td>Year</td>
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<td>月日</td>
<td>Month</td>
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<td>日</td>
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<tr>
<td>月日</td>
<td>Month</td>
</tr>
<tr>
<td>日</td>
<td>Day</td>
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【記入上の注意】
1. 必要事項は、青又は黒のボールペンで正確に記入してください。
2. 有職の方は、職歴欄に勤務先及び勤務を詳細に記入してください。
3. 現住所は、通知・照会等を確実に受けとることができる場所を記入してください。
4. ※欄は記入しないでください。
5. 学歴欄には研究生、専攻生等の履歴も記入してください。
6. 志望する専攻分野の第一志望は、必ず記入してください。

【Notes on filling in】
1. Fill in the above application form in the block style and accurately by using a blue or black ball-point pen.
2. Fill in your working place and occupation minutely if you are a working person.
3. Fill in the current address where notice and inquiry, etc. can be received without fail.
4. Do not fill in the "※" box.
5. Fill in the "Educational Background box" with your background such as research student, post graduate student, etc.
6. Write your first choice in the Desired Major Field.
**Curriculum Vitae**

### Educational background

<table>
<thead>
<tr>
<th>Educational Level</th>
<th>Name and Address of School (学校名及所在地)</th>
<th>Year and Month of Entrance and Completion (大学及卒業年月)</th>
<th>Duration of Attendances (修学年数)</th>
<th>Diploma or Degree awarded, Major Subject, Skipped years/levels (学位・資格、専門科目、飛び級の状況)</th>
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<tbody>
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<td>Elementary Education (初等教育)</td>
<td>Name (学校名)</td>
<td>From (入学)</td>
<td>Years (年)</td>
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<tr>
<td>Elementary School (小学校)</td>
<td>Address (所在地)</td>
<td>To (卒業)</td>
<td>and-months (月)</td>
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<td>Secondary Education (中等教育)</td>
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<td>From (入学)</td>
<td>Years (年)</td>
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<td>Lower Secondary School (中学)</td>
<td>Address (所在地)</td>
<td>To (卒業)</td>
<td>and-months (月)</td>
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<tr>
<td>Upper Secondary School (高校)</td>
<td>Name (学校名)</td>
<td>From (入学)</td>
<td>Years (年)</td>
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<tr>
<td>Higher Education (高等教育)</td>
<td>Address (所在地)</td>
<td>To (卒業)</td>
<td>and-months (月)</td>
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<tr>
<td>Undergraduate Level (大学)</td>
<td>Name (学校名)</td>
<td>From (入学)</td>
<td>Years (年)</td>
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</tr>
<tr>
<td>Graduate Level (大学院)</td>
<td>Address (所在地)</td>
<td>To (卒業)</td>
<td>and-months (月)</td>
<td></td>
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</tbody>
</table>

*Total number of years of the aforementioned schooling (以上を通算した全学校教育修学年数)*

As of October 1, 2020 (2020年10月1日現在)  

---  

### Employment History (Begin with the most recent employment history, if applicable.)

<table>
<thead>
<tr>
<th>Name and Address of Employer (勤務先及び所在地)</th>
<th>Period of Employment (在職期間)</th>
<th>Position (役職名)</th>
<th>Type of Work (職務内容)</th>
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<td>To</td>
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*If the blanks above have not sufficient space to be filled in, write on another appropriate sheet and attach it.*  

(注) 上欄に書き切れない場合には、適当な別紙に記入して添付すること。

---

**Notes:**

1. Exclude kindergarten education or nursery school. (幼稚園・保育所教育は含まない)
2. Preparatory education for university admission is included in upper secondary school. (いわゆる「大学予備教育」は中等教育に含まれる)
3. If the applicant has passed the university entrance qualification examination, indicate this in the blank with ∗-1. (大学大学入試に合格している場合には、その旨を∗-1欄に記入すること）
4. Any school years or levels skipped should be indicated in the fourth column (Diploma or Degree awarded, Major Subject, Skipped years/levels). (Example: Graduated from high school in two years, etc.)

(例：高校3年次飛び級により短期卒業）
成績評価合計数証明書
Certificate of Total grades of the academic transcript

To the registrar
Please issue this form sealed off in the university envelope and send to the applicant.

<table>
<thead>
<tr>
<th>Applicant's name</th>
<th>評価</th>
<th>良</th>
<th>可</th>
<th>総合計単位数（Total amount）</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>優</td>
<td>良</td>
<td>可</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Excellent</td>
<td>Good</td>
<td>Fair</td>
<td></td>
</tr>
<tr>
<td>合計単位数*（学士）Total grades (Bachelor)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

証明書発行日：
Date of issue：
年 月 日
Year Month Day

発行者の署名
Signature of Register

＊学士（卒業見込みも含む）の各評価の合計数を記載してください。群馬大学医学部医学科の卒業及び卒業見込みの者は提出不要です。
A評価よりも良い成績、例えばSなどがある場合、すべてAに含めてください。
成績証明書に上記の情報が記載されている場合、本様式の提出は不要です。
授業時間数や単位数のみで評価計算ができず発行できない場合は、その旨を余白にお書きのうえ、志願者に返送願います。

＊ Fill in the amount of each grade of Bachelor’s degree including the expected ones. Students who graduated or expected to graduate the Faculty of Medicine, School of Medicine of Gunma University do not need to submit this form. If your school adopts a grade such as “S”, meaning better than “A”, please add those credits to A’s. If the transcript contains above information, this form is unnecessary. If you don't have any evaluation system except class hours and number of credits, therefore you can't issue this certificate, please write its reason on the empty space and return to the applicant.

公 印

Official seal of the University
2020年度10月入学群馬大学大学院医学系研究科生命医科学専攻（修士課程）志願理由書

October Admission 2020 Course of Biomedical Sciences in Graduate School of Medicine, Gunma University (Master’s Program)

Statement of Purpose

<table>
<thead>
<tr>
<th>フリガナ</th>
<th>受験番号 Examinee’s Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>氏名 Name</td>
<td>※</td>
</tr>
</tbody>
</table>

Do not fill in the "box."
2020年度10月入学群馬大学大学院医学系研究科医学分野科学専攻(修士課程) 検定料収納証明書貼付台紙

1. コンビニエンスストアでの支払い
2. クレジットカードでの支払い

『検定料収納証明書』
貼付欄

3. 海外から送金したい場合

振込証明書等
貼付欄

☐ 出願時において国費外国人留学生（日本政府）である者
（該当者は○をつけてください。検定料は不要です。）
☐ 東日本大震災及び風水害等の災害罹災者である者（検定料免除申請者）
（該当者は○をつけてください。検定料は不要です。）

◆次のいずれかの場合により支払ってください。
1. コンビニエンスストアでの支払い（パソコンやスマートフォン等のある環境で御利用ください）
   (1) 14頁「群馬大学大学院検定料払込方法」を参照の上、支払ってください。なお、支払手数料は支払人の負担となりますので、留意してください。
   (2) 支払後、レジにて受け取った「入学検定料・選考料 取扱明細書」の「収納証明書」部分を切り取り、本台紙の所定の欄に貼り付けてください。
   (3) 支払期間 2020年5月18日（月）から6月5日（月）15時まで（「Webサイトでの申込み」は、支払期間終了30分前まで）
2. クレジットカードでの支払い（パソコンやスマートフォン等、プリンタのある環境で御利用ください）
   (1) 14頁「群馬大学大学院検定料払込方法」を参照の上、支払ってください。なお、支払手数料は支払人の負担となりますので、留意してください。
   (2) 支払後、「入学検定料・選考料 取扱明細書」を印刷し、「収納証明書」部分を切り取り、本台紙の所定の欄に貼り付けてください。
   (3) 支払期間 2020年5月18日（月）から6月5日（金）15時まで
3. 海外から送金したい場合
   (1) 振込取扱期間 2020年5月18日（月）から6月5日（金）15時まで
   (2) ATM（現金自動預払機）、携帯電話、パソコン等からは、振込まないでください。
<table>
<thead>
<tr>
<th>Payment Method</th>
<th>Certificate of Payment</th>
<th>Certificate of Transfer Receipt</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Convenience Store Payment</td>
<td>Please paste “Certificate of Payment” above.</td>
<td></td>
</tr>
<tr>
<td>2. Payment by Credit card</td>
<td>If you are receiving the Japanese Government (MEXT) Scholarship at the time of application, the examination fee payment is not required. Please submit the document certifying that you are the recipient of the scholarship.</td>
<td></td>
</tr>
<tr>
<td>3. Remittance from abroad</td>
<td>Please paste “Certificate of Transfer Receipt” here.</td>
<td></td>
</tr>
</tbody>
</table>

Please select one from the following four payment methods.

1. Payment at a convenience store (make sure that you have a personal computer or cell phone nearby).
   (1) Refer to the page 35 when you pay at a convenience store. Payment commissions must be borne by the person who pays the fees.
   (2) After payment, receive the “Application Fee Statement”, detach the “Certificate of Payment” (receipt) portion from it, and paste it on the prescribed place in the “Sheet for Certificate of Transfer Receipt” (Form 4).
   (3) Payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020. When you make payment via the web site, you have to pay 30 minutes before the end of payment period.

2. Payment by credit card (make sure that you have a personal computer or cell phone connected to a printer with A4 nearby).
   (1) Refer to the page 35 when you pay by credit card. Payment commissions must be borne by the person who pays the fees.
   (2) After payment, print the “Application Fee Statement”, detach the “Certificate of Payment” (receipt) portion from it, and paste it on the prescribed place in the “Sheet for Certificate of Transfer Receipt”.
   (3) Payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020.

3. Remittance from abroad
   (1) Transfer payment period: May 18 (Mon.), to 3:00 p.m. (Japan time) of June 5 (Fri.), 2020.
   (2) Payment by using ATM (Automated Teller Machine), cell phone or personal computer should not be made.
2020年度10月入学医療学士号医学系研究科医学専攻（修士課程）（Form-5）
October Admission 2020 Course of Biomedical Sciences in
Graduate School of Medicine, Gunma University (Master’s Program)

写真票 Photograph Verification Card

受験番号 Examinee’s Number
フリガナ

氏名 Name

第一志望 The first choice

志望専攻分野 Desired Major Field

写真 Photograph

[写真の寸法を御確認ください。
1. サイズ4cm×5cm
2. 上半身首腰、正面、出願日の3か月以内に半身撮影したもの。
3. 2. お写真の裏面に氏名を記入して頂くこと。]

[Notes when filling in the cards]
1. Necessary matters must be filled in accurately and in the block style by using a blue or black ball-point pen.
2. Do not fill in the “※” box.
3. Write your first choice in the Desired Major Field column.

2020年度10月入学医療学士号医学系研究科医学専攻（修士課程）（Form-6）
October Admission 2020 Course of Biomedical Sciences in
Graduate School of Medicine, Gunma University (Master’s Program)

受験票 Examination Admission Card

受験番号 Examinee’s Number
フリガナ

氏名 Name

第一志望 The first choice

志望専攻分野 Desired Major Field

写真 Photograph

[写真の寸法を御確認ください。
1. 14cm×9cm
2. 至上、全顔、上半身撮影
3. 背後撮影、上半身撮影の3か月以内に撮影したもの。
4. お写真の裏面に氏名を記入して頂くこと。]

[Notes when taking the examination]
Examinee must carry his/her examination admission card.
入学資格審査申請書（Application for the screening for admission requirements）

私は、2020年度10月入学群馬大学大学院医学系研究科生命医科学専攻（修士課程）入学試験を受験したいので、下記により入学資格審査をお願いします。

記

1 該当する入学資格審査
次のいずれかに該当するかについて、当該項目の番号を○で囲んでください。

(1) 学校教育法（昭和22年法律第26号）第102条第2項の規定により本大学院以外の大学院に入学した者であって、本大学院において、大学院における教育を受けるにふさわしい学力があると認めたもの

(2) 本大学院において、個別の入学資格審査により、大学を卒業した者が同等以上の学力があると認めた者で、2020年9月30日までに22歳に達するもの

2 希望する専攻分野名
第1志望（ ）
第2志望（ ）

3 添付書類
本申請書に添付した書類の番号を○で囲んでください。

(1) 上記の該当者
ア 成績証明書（出身大学（学部））の成績証明書と当該大学の教育課程が明記されている書類（履修手引等）を併せて提出のこと
イ 在学証明書（在学中の大学院の長が作成したもので、入学月日が明記されたもの。なお、大学院を修了又は退学している者は、入学年月日の明記された書類（出身大学院の成績証明書等）を提出のこと
ウ 研究業績がある場合は、その業績（論文等）
エ その他の書類

(2) 上記の該当者
ア 研究歴明書（本要項添付の用紙（様式10）によります。）
イ 研究業績又はその他顕著な業績がある場合は、その業績（論文等）
ウ 最終学校（短期学校、専修学校又は各種学校等）の卒業又は修了証明書
エ 最終学校（短期学校、専修学校又は各種学校等）の成績証明書
オ その他の書類

履歴書も記入すること

I wish to take the entrance examination for the Course of Biomedical Sciences in Graduate School of Medicine, Gunma University in October Admission 2020 and request the screening of admission requirements under the following conditions. Description

1. The screening of admission requirements that fall under the applicant.
Circle the applicable number of the items described below.
   (1) A person who entered a graduate school other than our Graduate School based on the provisions of Article 102-2 of the School Education Act (Act No. 26 of 1947) and who has been recognized by our Graduate School as having academic abilities appropriate for receiving graduate school education.
   (2) A person who has been recognized by our Graduate School as having academic abilities equivalent or superior to a person who has graduated a university based on the results of individual examination of the applicant’s qualifications, and who will be 22 years of age by September 30, 2020.

2. Desired Major Field
First choice (  )
Second choice (  )

3. Attached documents
Circle the number of the document attached to this application.
   (1) Applicant who falls under the above (1)
   a. Academic transcript (faculty results and the document showing the curriculum of the faculty (e.g. syllabus))
   b. Certificate of student status (issued by the president of the university (graduate school) you are in and with the date of your entrance). If you completed or quit the graduate school, submit the document with the date of your entrance (e.g. the transcript from the graduate school).
   c. Published academic papers etc. on research achievements, if any.
   d. Other documents (  )

   (2) Applicant who falls under the above (2)
   a. Certificate of Research Activities (The form attached to our admission guidelines must be used. [form-10])
   b. Published academic papers etc. on research achievements or other remarkable achievements, if any.
   c. Graduation Certificate or Completion Certificate issued by the final educational institution (including a junior college, an advanced vocational school or a vocational school, etc.) from which the applicant graduated.
   d. Academic transcript issued by the final educational institution (including a junior college, an advanced vocational school or a vocational school, etc.) from which the applicant graduated.
   e. Other documents (  )

The curriculum vitae shall also be filled in.
**Curriculum Vitae**

**Educational background**

<table>
<thead>
<tr>
<th></th>
<th>Name and Address of School</th>
<th>Year and Month of Entrance and Completion</th>
<th>Duration of Attendances</th>
<th>Diploma or Degree awarded, Major Subject, Skipped years/levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary Education (初等教育)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary School (小学校)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary Education (中学教育)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Secondary School (中学)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Secondary School (高校)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Higher Education (高等教育)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Level (大学)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Level (大学院)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total number of years of the aforementioned schooling (以上を通算した全学校教育修学年数)

As of October 1, 2020 (2020年10月1日現在)

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Employment History (Begin with the most recent employment history, if applicable.)**

<table>
<thead>
<tr>
<th>Name and Address of Employer (勤務先及び所在地)</th>
<th>Period of Employment (在職期間)</th>
<th>Position (役職名)</th>
<th>Type of Work (職務内容)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td></td>
<td>From</td>
<td>To</td>
<td></td>
</tr>
</tbody>
</table>

*If the blanks above have not sufficient space to be filled in, write on another appropriate sheet and attach it. ([注]上欄に書き切れない場合には、適当な別紙に記入して添付すること。)

Notes:
1. Exclude kindergarten education or nursery school. (幼稚園・保育所教育は含まれない。)
2. Preparatory education for university admission is included in upper secondary school. (いわゆる「大学予備教育」は中等教育に含まれる。)
3. If the applicant has passed the university entrance qualification examination, indicate this in the blank with *1. (「大学入学資格試験」に合格している場合には、その旨を*1欄に記入すること。)
4. Any school years or levels skipped should be indicated in the fourth column (Diploma or Degree awarded, Major Subject, Skipped years and levels). (Example: Graduated from high school in two years, etc.) (いわゆる「飛び級」をしている場合には、その旨を該当する教育課程の「学位・資格、専門科目、飛び級の状況」欄に記載すること。
(例: 高校3年次を飛び級により短期卒業))

**Date (日付)**

**Name (出願者名前)**

**Signature (出願者署名)**
Certificate of Research Activities

| 国籍 (Nationality) | :-- |
| 氏名 (Name) | :-- |
| 生年月日 (Birth Date) | :-- |

上記の者は、下記のとおり研究歴を有することを証明する。
This is to certify that the above person has research history as follows.

**記 (Description)**

<table>
<thead>
<tr>
<th align="left">在職した機関、部局名及び身分 (Institution and division for which he/she worked and his/her then status)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th align="left">研究期間 (Duration of Research)</th>
</tr>
</thead>
<tbody>
<tr>
<td align="left">年月日から年月日まで (年か月間)</td>
</tr>
<tr>
<td align="left">From: _____ to: _____ = ( ___ )</td>
</tr>
<tr>
<td align="left">(Day) (Month) (Year) (Day) (Month) (Year) (Year) (Month)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th align="left">研究題目及び研究内容 (Title and Outline of Research)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th align="left">指導教員、職、氏名 (Name and Position of the Academic Advisor)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th align="left">年月日 (Date)</th>
</tr>
</thead>
</table>

| 署名 (Signature) | :-- |
| 氏名 (Name) | :-- |
| 職名 (Title of Position) | :-- |
| 機関名 (Institution) | :-- |
| 所在地 (Address of Institution) | :-- |

**Note:** A certifier shall be a head (e.g., President, Dean, or Director, etc.) of an organization. However, in the case of certifying a research history of our university graduate (including a student enrolled in our university), a supervisor may also serve as a certifier.
宛名票
Name and Address Cards

◎ 志願者は本票を学生募集要項記載の出願書類と一緒に必ず提出してください。
◎ 様書で丁寧に記入してください。

入試に関する確実な受信場所を記入してください。
場所がアパート、団地等の場合は「様方」の欄にアパート、団地名等記入してください。
※欄は記入しないでください。

◎Applicant must submit these cards with the application documents mentioned in the Admission Guidelines.
◎Fill in these cards neatly and in the block style.
◎Detach the sheet along the perforated line and submit it.
(If you obtained the form from the website fill in it.)

Fill in the place for receiving information about the entrance the examination without fail.
If the above place indicates a flat or a housing complex, etc., fill in the name of the flat or the housing complex, etc. in the “c/o box”.
Do not fill in the “※box.”

対面には、郵便番号、住所、氏名を記入してください。
Fill in your address and name in the left column.

対面には、郵便番号、住所、氏名を記入してください。
Fill in your address and name in the left column.
周囲は群馬県の象徴である名勝赤城、榛名、妙義の
上毛三山を浮彫りさせて大学を囲み、群馬大学の象
徴としています。

The above design of “大学 (kanji for university, called
‘daigaku’)” surrounded by the famous picturesque view
of three carved mountains which comprise Mt. Akagi, Mt.
Haruna, and Mt. Myogi and are called JOMO SANZAN
symbolizing Gunma Prefecture is the emblem of Gunma
University.