

**Department of Computational Biology and
Medical Sciences, Graduate School of
Frontier Sciences, The University of Tokyo**

**Applicant's Guide ver 1.0 (Schedule B)
Master Course and Doctoral Course for AY 2024**

Table of Contents

Applicant's Guide (Master Course)	3
Checklist (Master Course; Schedule B), ver 1.0	8
Inquiry Sheet (Master Course) ver 1.0	9
Applicant's Guide (Doctoral Course)	15
Checklist (Doctoral Course; Schedule B), ver 1.0	22
Inquiry Sheet (Doctoral Course) ver 1.0	23

Contact

5-1-5 Kashiwanoha, Kashiwa-shi, Chiba pref., JAPAN 277-8562
Graduate School of Frontier Sciences, The University of Tokyo

Department of Computational Biology and Medical Sciences
Masahiro Kasahara, Admissions Committee
Kei Endo, Admissions Committee

nyushi-cbms@edu.k.u-tokyo.ac.jp

<http://www.cbms.k.u-tokyo.ac.jp/english/admission/schedule.html>

Applicant's Guide (Master Course)

Applicant Eligibility

- Please refer to the Guidelines for Applicants to the AY 2024 Master Course, GSFS (the Guidelines, hereafter). See “2. Applicant Eligibility” for details.

Submitting Documents

- The application must be filed through the online application system.
- When applying online, the applicant is required to upload PDF versions of the Inquiry Sheet (Master Course), Checklist (Master Course), English proficiency score reports (TOEFL iBT), and certificates (transcripts, diplomas, etc.). Certificates must be submitted at the time of the admission procedure.
- The deadline for the online application to Schedule B is Monday, November 20.
- Be sure to check the Graduate School's website (<https://www.k.u-tokyo.ac.jp/index.html.en>) and follow the instructions for online application and submission of documents and other materials.

Admission Quota and Choosing Your Laboratories

- The admission quota for our department is a few.
- Select one group/course of your choice from the Medical Sciences group, the Computational Biology group, and the Biomedical Innovation course, and fill in the field in the Inquiry Sheet (Master Course).
- Applicants to the Medical Sciences group and the Computational Biology group should fill in up to the third laboratory of their choice, while applicants to the Biomedical Innovation course should fill in only the first laboratory of their choice on the Inquiry Sheet (Master Course).
- It is not possible to apply for laboratories across the Medical Sciences group, the Computational Biology group, and the Biomedical Innovation course.
- If many applicants wish to join the same laboratory, the laboratory of their choice may not be honored. We may ask questions regarding which laboratory you wish to join during the oral examinations.

Selection Procedure

- GSFS has two types of admissions, the Regular Admission, and a Special Selection for Applicants with Overseas Education. Nonetheless, our department, Department of Computational Biology and Medical Sciences (Dept of CBMS) does not provide a Special Selection for Applicants with Overseas Education.
- In Department of Computational Biology and Medical Sciences, the applicants can use Japanese and/or English to fill in the Inquiry Sheet, to answer in Written Examination (except the English proficiency examination) and in Oral Examinations.

Entrance Exam Dates for Schedule B

The exams will be conducted mainly at the Kashiwa campus. The venue and other details will be communicated by

e-mail.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Master Course), academic transcripts, and the English proficiency score reports (TOEFL iBT*), Written Examination (Specialty) (the first-stage selection), and the oral examinations (the second-stage selection).

* For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Please be aware that other English test scores, such as TOEIC or IELTS, will not be accepted.

Inquiry Sheet

The Inquiry Sheet (Master Course) includes sections (1) through (3) shown below. Please follow the instructions in Inquiry Sheet and answer within the word limit (for details, please refer to the Inquiry Sheet (Master Course)).

Download the MS Word file of the Inquiry Sheet (Master Course) including Checklist from the web site of our department (<http://www.cbms.k.u-tokyo.ac.jp/english/admission/schedule.html>), and fill out the form, following the instructions there. After filling out the form, save it as a pdf file, check the layout, and submit the pdf file online.

- ① Reasons for applying to the graduate school and for joining the lab of your choice (approx. 300 words)
- ② Your research theme in the lab of your first choice (approx. 600 words)
- ③ Your career plan after completion of the Master Course (approx. 150 words)

English

Submit a score report(s) of the TOEFL iBT (TOEFL iBT Home Edition is not accepted; see Table 1). Refer to "7. English Score Report" in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

Written Examination (Specialty)

Written Examination (Specialty) will be conducted for the successful candidates of the first-stage selection. Applicants to the Medical Sciences group and the Computational Biology group must select and answer four questions out of a total of 12 questions from the fields of the life science, information science, and related fields. Applicants to the Biomedical Innovation course must select and answer two questions out of a total of six questions from the fields of intellectual property, bioethics, medical statistics and related fields. An English version will be available for applicants who selected it on the Inquiry Sheet. Answers should be written in English and/or Japanese. Details of the examinations will be announced around the end of December (tentative). The details will be posted on the department website (<http://www.cbms.k.u-tokyo.ac.jp/english/>).

Oral Examination

Oral examinations will be conducted for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. Oral examinations for the Biomedical Innovation course will be conducted at the Shirokanedai campus. Details of the oral examinations will be announced around the end of December (tentative).

Exam Schedule

The following schedule will be used. All times are in Japan Standard Time (JST).

Entrance Exam Dates for Schedule B

Primarily, written examinations and oral examinations will be conducted in person at the Kashiwa campus.

Jan 5, 2024	Fri	12:00	Announcement of the first-stage screening (posted on the department web site)
Jan 15, 2024	Monday		Written Examination (Specialty)*
Jan 16, 2024	Tue	12:00	Announcement of the second-stage screening (posted on the department web site)
Jan 16, 2024	Tue	afternoon	Oral Examination** (the Biomedical Innovation course only; Shirokanedai campus)
Jan 17, 2024	Wed		Oral Examination (the Medical Sciences group & the Computational Biology group)**
Jan 29, 2024	Monday	12:00	Announcement of the third-stage screening (posted on the department web site)
Feb 13, 2024	Tue	10:00	Official announcement of successful candidates *** (posted on the Graduate School's website)

*The written examinations will be conducted only for the successful candidates of the first-stage selection.

**The oral examination will be conducted only for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

***Please refer to *10. Announcement of Results and Admission Procedures* in the Guidelines and Table 1.

Miscellaneous

- If the applicant has not obtained the required degree(s) by the time of enrollment, he/she will not be enrolled even if he/she passes the examination, nor will he/she be allowed to change the time of enrollment.
- Please refer to the Guidelines and the department's web site (<http://www.cbms.k.u-tokyo.ac.jp/english/index.html>) for details.

Personal Information Statement

The school shall use personal information of applicants such as names and addresses only for the purpose of selecting successful applicants (e.g., processing applications, conducting screening), announcing accepted applicants, and conducting admission procedures. This personal information will be used only for students who have enrolled in the program, and will be used for educational affairs (student registration, study, etc.), student support (health management, employment support, tuition waiver and scholarship applications, library use, etc.), and tuition fee collection. The examination results may be used in future studies for improving both the entrance examination system and the education at the University of Tokyo.

Contact Information

Please contact the Student Affairs Team for inquiries regarding the operation of the online application system, payment of the screening fees, submission of transcripts and degree certificates, residence cards, and visas. Inquiries concerning Inquiry Sheet, submission of the English proficiency score reports, CHSI certificate, Research/Work Balance Plan, and Written Examination and Oral Examinations should be addressed to the Admissions Committee of Department of Computational Biology and Medical Sciences.

Student Affairs Team, Graduate School of Frontier Sciences, The University of Tokyo

Postal Code: 277-8561

5-1-5 Kashiwanoha, Kashiwa-shi, Chiba pref., JAPAN

TEL: +81-4-7136-4092

Inquiry Form (Priority)

https://forms.office.com/pages/responsepage.aspx?id=T6978HAr10eaAgh1yvlMhP_Y-

[O6WjcREqdOxQjnyNpUOVRKTDE3RVk1UVBJMVdTNk5SNkpETtk2SCQIQCN0PWcu](https://forms.office.com/pages/responsepage.aspx?id=T6978HAr10eaAgh1yvlMhP_Y-O6WjcREqdOxQjnyNpUOVRKTDE3RVk1UVBJMVdTNk5SNkpETtk2SCQIQCN0PWcu)

Admissions Committee, Department of Computational Biology and Medical Sciences

e-mail: nyushi-cbms@edu.k.u-tokyo.ac.jp

Table1: How to Submit Documents and Deadlines (Schedule B)

	Documents to be submitted online (November 14 - November 20, 23:00 JST)	Original (paper) certificates to be submitted** (by the time of the enrollment procedure)
Personal details	Apply online	Not necessary
Inquiry Sheet	Upload a pdf file created from a template form provided by the department. Upload only one file.	Not necessary
Checklist	Upload a pdf file created from a template form provided by the department.	Not necessary
English score reports (TOEFL iBT)	Upload a pdf file at the online application site* Only scores on or after February 1, 2022 are valid	Required***
Academic transcripts	Upload pdf file. If the original is a paper, upload a scanned copy.	Original transcripts
Graduation certificate (degree certificate)	Upload pdf file. If the original is a paper, upload a scanned copy.	Original Certificates A pdf file of CHSI-issued certificates if you graduated from a university in China

*Regarding the English proficiency score reports, either a pdf copy of a scanned Test Taker Score Report, or a screenshot (pdf) of the score you can see on the website of ETS must be submitted. Refer to "7. English Score Report" in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

**Failure to submit the original documents by the designated date may result in denial of enrollment. Original transcripts and graduation certificates (degree certificates) must be submitted to Student Affairs Team of the graduate school at the enrollment procedure. When the applicant graduated from a university in China, the applicant must submit the pdf file of a CHSI-issued certificate at the online application site when they have already graduated. If the certificate is not available at the time of the application because they have not graduated yet, the CHSI-issued certificate must be submitted at the enrollment procedure.

***Please enter the code of "Graduate School of Frontier Sciences" on the ETS website and send the official score certificate directly from ETS. The codes are DI (Designed Institution) code: "8001", Department code: "99".

Checklist (Master Course; Schedule B), ver 1.0

Documents uploaded must be checked, then convert it into a pdf and upload it.

- Inquiry Sheet (Master Course) (upload a PDF file online)
 - Download the MS Word file from the department's web site and fill out the Inquiry Sheet and Checklist, save it as a PDF file, and upload them. (Please do NOT upload the MS Word file)
 - The applicant is not allowed to apply more than one laboratory across the groups or the course.
- Checklist (Master Course) (upload a PDF file online)
- I submitted a pdf of the TOEFL iBT score report.
 - * For Schedule B, the test date of the score reports must be February 1, 2022 or later.
- I have mailed the (paper) English score certificate that corresponds to one I uploaded online, from ETS directly to GSFS.
- I understand that I submit academic records/transcripts of an undergraduate course and also that I must submit their original copies at the enrollment procedure.
 - Academic transcripts of the undergraduate course (including the liberal arts course). For the technical colleges in Japan, academic transcripts for the special major and the fourth and fifth year of the main course.
 - When the record/transcript is not described in English/Japanese, please also attach the translation certified by a public institution such as the university you graduated from, an embassy/consulate, a government.
- I understand that I submit academic records/transcripts/degree certificates of an undergraduate/graduate course and also that I must submit their original copies at the enrollment procedure.
 - Required for those who have already graduated from an undergraduate program at the time of application.
 - I understand that applicants who have graduated from a university in China are required to submit a pdf file of an Online Verification Report of Higher Education Degree Certificate of CHSI issued by China Higher-education Information and Student Information (CHSI; 中国高等教育学生信息网).
- I declare that the official date of my degree(s) endowment indicated on the degree certificate is before the day of enrollment in GSFS, and I understand that failure to meet this condition leads to revocation of admission.
- Research/Work Balance Plan (Free format. Should be around 1 page in A4 size.) (upload pdf online)
 - If you wish to attend school while staying in service of a company, a government, or an organization.
- A photocopy of the residence card (upload pdf online)
 - Required only for foreign nationals residing in Japan at the time of application, except for regular and research students currently enrolled in our department.

Master

Inquiry Sheet (Master Course) ver 1.0

Department of Computational Biology and Medical Sciences, Graduate School of Frontier Sciences

Furigana	
Full Name (in Kanji, if any)	
Full Name (in English)	
Have you contacted the faculty member of the primary laboratory you wish to join? <input type="checkbox"/> a. Yes <input type="checkbox"/> b. No	
Preferred language for the question booklet of Written Examinations (Specialty)] (Choose either) <input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English	

① Explain reasons for applying to the graduate school and for joining the lab of your choice.

(font size: 10pt, approx. 600 characters in Japanese or 300 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

② Describe your research theme in the lab of your first choice.

(font size: 10pt, approx. 1200 characters in Japanese or 600 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

③ Envision and describe your career after completion of the master course.

(font size: 10pt, approx. 250 characters in Japanese or 150 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

Laboratory List (Schedule B)

- Choose one of the Medical Sciences Group, the Computational Biology Group, and the Biomedical Innovation Course. Write the order of your preference for each lab in the Group or the Course you choose.
- Applicants to the Medical Sciences group and the Computational Biology group should fill in at least up to the second lab of their choice and may fill in up to the third lab of their choice. Applicants to the Biomedical Innovation course should fill in only the first lab of their choice.
- It is not possible to apply for laboratories across the Medical Sciences group, the Computational Biology group, and the Biomedical Innovation course.
- Laboratories not on the list will not accept students in Schedule B, Academic Year 2024.

Master Course, the Medical Sciences group

Core Laboratories

- Biomolecules (Nono Tomita)
- Molecular Genetics (Koichi Ito & Kei Endo)
- RNA Biology (Kozo Tomita)
- Clinical Genome Sequencing (Koichi Matsuda & Chizu Tanikawa)
- Complex trait genomics (Yoichiro Kamatani)
- Molecular Oncology (Susumu Goyama)
- Medical Omics Data Analysis (Ayako Suzuki)
- Viral Oncology and Genomics (Makoto Yamagishi)

Intra-university Cooperative Laboratories

- Aids Vaccine Development (Tetsuro Matano; April 2024 enrollment only)
- Functional Analysis in Silico (Kenta Nakai)
- Molecular Virology (Yasushi Kawaguchi)
- Clinical Genome Research (Yoichi Furukawa)
- Advanced Genome Medicine (Yoshihiro Hirata)
- Medical Proteomics (Masaaki Oyama)
- Genetics (Yuji Yamanashi)
- Infectious Diseases (Hiroshi Yotsuyanagi) (April 2024 enrollment only)
- Stem Cell and Molecular Medicine (Atsushi Iwama)
- Vaccine Science (Ken Ishii)
- Animal Genetics (Tomoji Mashimo)
- Malaria Immunology (Cevayir Coban)
- RNA and Gene Regulation (Toshihumi Inada)
- Hematopoietic Disease Control (Yasuhito Nanya)
- Systems Virology (Kei Sato)
- Biomedical Sciences (Yasushi Saeki)
- Molecular Virology (Reiko Shinkura)

Inter-institute cooperative laboratories

- Biomedical Sciences (Hisaro Masai) (April 2024 enrollment only)
- Functional Biomolecules Engineering (Natohiro Noda)
- Functional Biomolecules Engineering (Katsutaka Ohishi)
- Molecular Target Therapy of Cancer (Akihiro Tomita)

RNA Systems Biology (Shintaro Iwasaki)

Master Course, the Computational Biology Group

Core Laboratories

- Omics (Shin-ichi Morishita; April 2024 enrollment only)
- Genome Informatics (Kiyoshi Asai; April 2024 enrollment only)
- Systems Genomics (Yutaka Suzuki)
- Large-Scale Knowledge Discovery (Koji Tsuda)
- Large-Scale Bioinformatics (Martin Frith)
- Biological Network Analysis (Hisanori Kiryu)
- High-performance Analysis System (Masahiro Kasahara)

Intra-university Cooperative Laboratories

- Bioinformatics and Systems Biology (Tatsuhiko Tsunoda)
- Bioinformatics and Systems Biology (Shin-ya Kuroda)
- Bioinformatics and Systems Biology (Yu Toyoshima)
- Bioinformatics and Systems Biology (Kaoru Sugimura)
- Informatics of Biological Functions (Ryuichiro Nakato)

Inter-institute cooperative laboratories

- Informatics of Molecular Functions (Kentaro Tomii)
- Life Science Databases (Susumu Goto)
- Cancer Medical Informatics (Riu Yamashita)

Master Course, the Biomedical Innovation Course

Core Laboratories

- Bio-innovation Policy (Shingo Kano)

Intra-university Cooperative Laboratories

- Public Policy (Kaori Muto & Yusuke Inoue)
- Advanced Medicine Promotion (Mashiro Nojima)

Applicant's Guide (Doctoral Course)

Applicant Eligibility

- Please refer to the Guidelines for Applicants to the 2024 Doctoral Course (the Guidelines, hereafter) for the applicant eligibility.
- Those who have graduated from or are expected to graduate from a six-year undergraduate course in medicine, dentistry, veterinary medicine, or pharmacy, and those who wish to qualify by “⑥ through ⑧ for Regular Admission” indicated in “2. Applicant Eligibility” in the Guidelines, are subjected to individual eligibility screening before the admission application. Please ask Student Affairs Team for details and how to submit documents. Those who need individual eligibility screening in Schedule B must submit documents for review by Tuesday, October 17, 2023. Those with a doctoral degree but without a master's or professional degree must undergo the individual eligibility screening. Note that the individual eligibility screening will only determine whether the applicant is qualified to take the entrance examinations or not. Therefore, even after receiving the notification of acceptance of the individual eligibility screening, one will need to apply for the entrance exams on the online application system in the same way as regular applicants do.

Submitting Documents

- The application must be filed through the online application system.
- When applying online, the applicant is required to upload PDF versions of the Inquiry Sheet (Doctoral Course), Checklist (Doctoral Course), English proficiency score reports, and various certificates (transcripts, diplomas, etc.). Certificates must be submitted at the time of the admission procedure.
- The deadline for the online application to Schedule B is Monday, November 20.
- Be sure to check the Graduate School's website (<https://www.k.u-tokyo.ac.jp/index.html.en>) and follow the instructions for online application and submission of documents and other materials.

Admission Quota and Choosing Your Laboratories

- The admission quota for our department is a few.
- Select one laboratory of your choice, and fill it in the field in the Inquiry Sheet (Doctoral Course).
- Before submitting an application, be sure to contact a faculty member of the lab you wish to join. However, failure to make prior consultation does not preclude an applicant from applying.

Selection Procedure

- GSFS has several types of admissions, the Regular Admission, a Special Selection for Applicants with Overseas Education, and Special Selection for Applicants with Professions. Nonetheless, our department, Department of Computational Biology and Medical Sciences (Dept of CBMS) does not provide a Special Selection for Applicants with Overseas Education. If you meet the criteria for *applicants with professions* below, you may select the Special Selection for Applicants with Professions.

- ◆ Applicants with Professions: An applicant who has received written confirmation from their employer that they will work for the company for 30 hours or more per week while enrolled, and will be compensated for such work.
- In Department of Computational Biology and Medical Sciences, the applicants can use Japanese and/or English to fill in the Inquiry Sheet, to answer in Written Examination (except the English proficiency examination) and in Oral Examinations.

Entrance Exam Dates for Schedule B

The exams will be conducted mainly at the Kashiwa campus. The venue and other details will be communicated by e-mail.

Selection will be made based on the submitted materials such as the Inquiry Sheet (Doctoral Course), academic transcripts, and the English proficiency score reports (TOEFL iBT*; only to whom it applies), Written Examination (Specialty; only to whom it applies) (the first-stage selection), and the oral examinations (the second-stage selection). Applicants who select Special Selection for Applicants with Professions will take the same examination subjects as those in the Regular Admission. Our evaluation will place greater emphasis on their experience in their profession.

- * For this academic year, the submission of TOEFL iBT scores is mandatory (TOEFL iBT Home Edition is not acceptable). Please be aware that other English test scores, such as TOEIC or IELTS, will not be accepted.

Inquiry Sheet

Inquiry Sheet (Doctoral Course) includes sections (1) through (3) shown below. Please follow the instructions in Inquiry Sheet (Doctoral Course) and answer within the word limit (for details, please refer to the Inquiry Sheet (Doctoral Course)).

Download the MS Word file of the Inquiry Sheet (Doctoral Course) including Checklist from the web site of our department (<http://www.cbms.k.u-tokyo.ac.jp/english/admission/schedule.html>), and fill out the form, following the instructions there. After filling out the form, save it as a pdf file, check the layout, and submit the pdf file online.

- ① Reasons for applying to the graduate school and for joining the lab of your choice (approx. 300 words)
- ② Your research theme in the lab of your first choice (approx. 600 words)
- ③ Your career plan after completion of the doctoral course (approx. 150 words)

English

All applicants, unless otherwise exempted, must submit a score sheet of TOEFL iBT (TOEFL iBT Home Edition is not acceptable). Exemptions are detailed in Table 1. Refer to “7. English Score Report” in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

Written Examination (Specialty)

Written Examination (Specialty) will be conducted for the successful candidates of the first-stage selection, but some applicants are exempted (see Table 1 for exemption). Applicants to the Medical Sciences group and the Computational Biology group must select and answer four questions out of a total of 12 questions from the fields of

the life science, information science, and related fields. Applicants to the Biomedical Innovation course must select and answer two questions out of a total of six questions from the fields of intellectual property, bioethics, medical statistics and related fields. An English version will be available for applicants who selected it on the Inquiry Sheet. Answers should be written in English and/or Japanese. Details of the examinations will be announced around the end of December (tentative). The details will be posted on the department website (<http://www.cbms.k.u-tokyo.ac.jp/english/>).

Oral Examination

Oral examinations will be conducted for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. Oral examinations for the Biomedical Innovation course will be conducted at the Shirokanedai campus. Details of the oral examinations will be announced around the end of December (tentative).

Exam Schedule

The following schedule will be used. All times are in Japan Standard Time (JST).

Entrance Exam Dates for Schedule B

Written Examinations (Specialty; only for applicants to whom it applies) and Oral Examination will be conducted mainly at the Kashiwa campus in person.

Jan 5, 2024	Fri	12:00	Announcement of the first-stage screening (posted on the department web site)
Jan 15, 2024	Monday		Written Examination (Specialty)*
Jan 16, 2024	Tue	12:00	Announcement of the second-stage screening (posted on the department web site)
Jan 16, 2024	Tue	afternoon	Oral Examination** (the Biomedical Innovation course only; Shirokanedai campus)
Jan 17, 2024	Wed		Oral Examination (the Medical Sciences group & the Computational Biology group)**
Jan 29, 2024	Monday	12:00	Announcement of the third-stage screening (posted on the department web site)
Feb 13, 2024	Tue	10:00	Official announcement of successful candidates *** (posted on the Graduate School's website)

*The Written Examination will be conducted only for the successful candidates of the first-stage selection unless exempted.

**The oral examination will be conducted only for the successful candidates of the second-stage selection. Oral examinations for the Medical Sciences group and the Computational Biology group will be conducted at the Kashiwa Campus. The oral Examination for the Biomedical Innovation course will be conducted at the Shirokanedai campus.

***Please refer to *10. Announcement of Results and Admission Procedures* in the Guidelines and Table 1.

Miscellaneous

- If the applicant has not obtained the required degree(s) by the time of enrollment, he/she will not be enrolled even if he/she passes the examination, nor will he/she be allowed to change the time of enrollment.
- Please refer to the Guidelines and the department's web site (<http://www.cbms.k.u-tokyo.ac.jp/english/index.html>) for details.

Personal Information Statement

The school shall use personal information of applicants such as names and addresses only for the purpose of selecting successful applicants (e.g., processing applications, conducting screening), announcing accepted applicants, and conducting admission procedures. This personal information will be used only for students who have enrolled in the program, and will be used for educational affairs (student registration, study, etc.), student support (health management, employment support, tuition waiver and scholarship applications, library use, etc.), and tuition fee collection. The examination results may be used in future studies for improving both the entrance examination system and the education at the University of Tokyo.

Contact Information

Please contact the Student Affairs Team for inquiries regarding the operation of the online application system, payment of the screening fees, submission of transcripts and degree certificates, residence cards, and visas. Inquiries concerning Inquiry Sheet, submission of the English proficiency score reports, CHSI certificate, Research/Work Balance Plan, Certificate of Employment, and Written Examination and Oral Examinations should be addressed to the Admissions Committee of Department of Computational Biology and Medical Sciences.

Student Affairs Team, Graduate School of Frontier Sciences, The University of Tokyo

Postal Code: 277-8561

5-1-5 Kashiwanoha, Kashiwa-shi, Chiba pref., JAPAN

TEL: +81-4-7136-4092

Inquiry Form (Priority)

https://forms.office.com/pages/responsepage.aspx?id=T6978HAr10eaAgh1yviMhP_Y-

[O6WjcREqdOxQjnyNpUOVRKTDE3RVk1UVBJMvdTNk5SNkpETtk2SCQIQCN0PWcu](https://forms.office.com/pages/responsepage.aspx?id=T6978HAr10eaAgh1yviMhP_Y-O6WjcREqdOxQjnyNpUOVRKTDE3RVk1UVBJMvdTNk5SNkpETtk2SCQIQCN0PWcu)

Admissions Committee, Department of Computational Biology and Medical Sciences

e-mail: nyushi-cbms@edu.k.u-tokyo.ac.jp

Table 1: List of the Exam Subjects for the Groups and Course.**Exam Subjects for the Doctoral Course in the Medical Sciences group****Schedule B**

Current affiliation	CBMS Master	UTokyo Master	Other Univ. Master	6-year Undergrad	Others
English	-	TOEFL iBT	TOEFL iBT	TOEFL iBT	TOEFL iBT
Written Exam (Specialty)	-	January	January	January	January
Oral Examination	January (for those already graduated) August (for those graduating)	January	January	January	January

Exam Subjects for the Doctoral Course in the Computational Biology group**Schedule B**

Current affiliation	CBMS Master	UTokyo Master	Other Univ. Master	6-year Undergrad	Others
English	-	TOEFL iBT	TOEFL iBT	TOEFL iBT	TOEFL iBT
Written Exam (Specialty)	-	January	January	January	January
Oral Examination	January (for those already graduated) August (for those graduating)	January	January	January	January

Exam Subjects for the Doctoral Course in the Biomedical Innovation Course**Schedule B**

Current affiliation	CBMS Master	UTokyo Master	Other Univ. Master	6-year Undergrad	Others
English	-	-	TOEFL iBT	TOEFL iBT	TOEFL iBT
Written Exam (Specialty)	-	January	January	January	January
Oral Examination	January (for those already graduated) August (for those graduating)	January	January	January	January

※ “those already graduated” in Schedule B include master course students who are graduating in March.

※ “Others” indicates those who apply to ⑥-⑧ of (1) Regular Admission in the Guidelines.

Table 2: How to Submit Documents and Deadlines (Schedule B)

	Documents to be submitted online (November 14 - November 20, 23:00 JST)	Original (paper) certificates to be submitted** (by the time of the enrollment procedure)
Personal details	Apply online	Not necessary
Inquiry Sheet	Upload a pdf file created from a template form provided by the department. Upload only one file.	Not necessary
Checklist	Upload a pdf file created from a template form provided by the department.	Not necessary
English score reports (TOEFL iBT)	Upload a pdf file at the online application site* Only scores on or after February 1, 2022 are valid	Required***
Academic transcripts	Upload pdf file. If the original is a paper, upload a scanned copy.	Original transcripts
Graduation certificate (degree certificate)	Upload pdf file. If the original is a paper, upload a scanned copy.	Original Certificate* A pdf file of CHSI-issued certificates if you graduated from a university in China
Certificate of Employment (Only for applicants who wish to apply for the Special Selection for Applicants with Profession)	Not necessary	Original Certificate of Employment****

*Regarding the English proficiency score reports, either a pdf copy of a scanned Test Taker Score Report, or a screenshot (pdf) of the score you can see on the website of ETS must be submitted. Refer to "7. English Score Report" in the Guidelines for the details of accepted score reports, validity period, and sending procedures.

**Failure to submit the original documents by the designated date may result in denial of enrollment. Original transcripts and graduation certificates (degree certificates) must be submitted to Student Affairs Team of the graduate school at the enrollment procedure. When the applicant graduated from a graduate school in China, the applicant must submit the pdf file of a CHSI-issued certificate at the online application site when they have already graduated. If the certificate is not available at the time of the application because they have not graduated yet, the CHSI-issued certificate must be submitted at the enrollment procedure.

***Please enter the code of "Graduate School of Frontier Sciences" on the ETS website and send the official score certificate directly from ETS. The codes are DI (Designed Institution) code: "8001", Department code: "99".

****Certification that you are working at least 30 hours per week with pay and have been approved by your company. Any format is acceptable. Failure to submit the certificate by the enrollment procedure may result in denial of enrollment. The certificate must be submitted to the office of Department of Computational Biology and Medical Sciences on the day of the enrollment procedure.

Checklist (Doctoral Course; Schedule B), ver 1.0

Documents uploaded must be checked, then convert it into a pdf and upload it.

- Inquiry Sheet (Doctoral Course) (upload a PDF file online)
 - Download the MS Word file from the department's web site and fill out the Inquiry Sheet and Checklist, save it as a PDF file, and upload them. (Please do NOT upload the MS Word file)
- Checklist (Doctoral Course) (upload a PDF file online)
- I submitted a pdf of the TOEFL iBT score report.
 - * For Schedule B, the test date of the score reports must be February 1, 2022 or later.
- I have mailed the (paper) English score certificate that corresponds to one I uploaded online, from ETS directly to GSFS.
- I understand that I submit the pdf files of academic records/transcripts of an undergraduate/graduate courses and also that I must submit their original copies at the enrollment procedure.
 - * Not required for those who have completed or will complete the master course at our graduate school.
 - Academic transcripts of the undergraduate course (including the liberal arts course) and the master course (the first half of the doctoral course).
 - When the record/transcript is not described in English/Japanese, please also attach the translation certified by a public institution such as the university you graduated from, an embassy/consulate, a government.
- I understand that I submit the degree certificate of a graduate course and also that I must submit their original copy at the enrollment procedure.
 - * Only when you have completed a graduate degree at the time of application.
 - * Not required for those who have completed the master course at our graduate school.
 - I understand that applicants who have graduated from a university in China are required to submit a pdf file of an Online Verification Report of Higher Education Degree Certificate of CHSI issued by China Higher-education Information and Student Information (CHSI; 中国高等教育学生信息网).
- I declare that the official date of my degree(s) endowment indicated on the degree certificate is before the day of enrollment in GSFS, and I understand that failure to meet this condition leads to revocation of admission.
- Research/Work Balance Plan (Free format. Should be around 1 page in A4 size.) (upload pdf online)
 - If you wish to attend school while staying in service of a company, a government, or an organization.
- I understand that if I choose the Special Selection for Applicants with Profession, I will be required to submit proof of employment at the time of the enrollment procedures. **Proof that you are working with pay and that your application has been approved by your company. Free format.
- A photocopy of the residence card (upload pdf online)
 - Required only for foreign nationals residing in Japan at the time of application, except for regular and research students currently enrolled in our department.

Doctoral

Inquiry Sheet (Doctoral Course) ver 1.0

Department of Computational Biology and Medical Sciences, Graduate School of Frontier Sciences

Furigana	
Full Name (in Kanji, if any)	
Full Name (in English)	
(only for those who graduated from a six-year undergraduate course) <input type="checkbox"/> a. Medicine <input type="checkbox"/> b. Dentistry <input type="checkbox"/> c. Veterinary Medicine <input type="checkbox"/> d. Pharmacy	
Have you contacted the faculty member of the primary laboratory you wish to join? <input type="checkbox"/> a. Yes <input type="checkbox"/> b. No	
Preferred language for the question booklet of Written Examinations (Specialty)] (Choose either) <input type="checkbox"/> a. Japanese <input type="checkbox"/> b. English	

① Explain reasons for applying to the graduate school and for joining the lab of your choice.

(font size: 10pt, approx. 600 characters in Japanese or 300 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

② Describe your research theme in the lab of your first choice.

(font size: 10pt, approx. 1200 characters in Japanese or 600 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

③ Envision and describe your career after completion of the doctoral course.

(font size: 10pt, approx. 250 characters in Japanese or 150 words in English)

Please erase the italics before you write. Your text must fit within the frame.

If the text does not fit within the frame, make the text smaller.

Laboratory List (Schedule B)

- Choose one of the Medical Sciences Group, the Computational Biology Group, and the Biomedical Innovation Course. Check the laboratory of your choice in the Group or the Course you choose.
- Before submitting an application, be sure to contact a faculty member of the lab you wish to join. However, failure to make prior consultation does not preclude an applicant from applying.
- Laboratories not on the list will not accept students in Schedule B, Academic Year 2024.

Doctoral Course, the Medical Sciences group

Core Laboratories

- Biomolecules (Nono Tomita)
- Molecular Genetics (Koichi Ito & Kei Endo)
- RNA Biology (Kozo Tomita)
- Clinical Genome Sequencing (Koichi Matsuda & Chizu Tanikawa)
- Complex trait genomics (Yoichiro Kamatani)
- Medical Omics Data Analysis (Ayako Suzuki)
- Molecular Oncology (Susumu Goyama)
- Viral Oncology and Genomics (Makoto Yamagishi)
- Multi Omics Data Analysis (Masahide Seki)

Intra-university Cooperative Laboratories

- Functional Analysis in Silico (Kenta Nakai)
- Molecular Virology (Yasushi Kawaguchi)
- Clinical Genome Research (Yoichi Furukawa)
- Advanced Genome Medicine (Yoshihiro Hirata)
- Medical Proteomics (Masaaki Oyama)
- Genetics (Yuji Yamanashi)
- Cell Signaling & Molecular Medicine (Mutsuhiro Takekawa)
- Stem Cell and Molecular Medicine (Atsushi Iwama)
- Regenerative Medicine (Hideki Taniguchi)
- Vaccine Science (Ken Ishii)
- Animal Genetics (Tomoji Mashimo)
- Malaria Immunology (Cevayir Coban)
- RNA and Gene Regulation (Toshihumi Inada)
- Hematopoietic Disease Control (Yasuhito Nanya)
- Systems Virology (Kei Sato)
- Biomedical Sciences (Yasushi Saeki)
- RNA Function (Yukihide Tomari)
- Molecular Virology (Reiko Shinkura)
- Chromatin Structure and Function (Yoshimasa Takizawa)

Inter-institute cooperative laboratories

- Biomedical Sciences (Hisaro Masai) (April 2024 enrollment only)
- Functional Biomolecules Engineering (Katsutaka Ohishi)
- Functional Biomolecules Engineering (Natohiro Noda)
- Molecular Target Therapy of Cancer (Hiroyuki Seimiya)
- Molecular Target Therapy of Cancer (Akihiro Tomita)
- Molecular Target Therapy of Cancer (Ryohei Katayama)
- RNA Systems Biology (Shintaro Iwasaki)

Doctoral Course, Computational Biology Group

Core Laboratories

- Systems Genomics (Yutaka Suzuki)
- Large-Scale Knowledge Discovery (Koji Tsuda)
- Large-Scale Bioinformatics (Martin Frith)
- Biological Network Analysis (Hisanori Kiryu)
- High-performance Analysis System (Masahiro Kasahara)

Intra-university Cooperative Laboratories

- Bioinformatics and Systems Biology (Tatsuhiko Tsunoda)
- Bioinformatics and Systems Biology (Shin-ya Kuroda)
- Informatics of Biological Functions (Ryuichiro Nakato)
- Bioinformatics and Systems Biology (Kaoru Sugimura)
- Bioinformatics and Systems Biology (Yu Toyoshima)

Inter-institute cooperative laboratories

- Informatics of Molecular Functions (Kentaro Tomii)
- Life Science Databases (Susumu Goto)
- Cancer Medical Informatics (Riu Yamashita)

Doctoral Course, Biomedical Innovation Course

Core Laboratories

- Bio-innovation Policy (Shingo Kano)

Intra-university Cooperative Laboratories

- Public Policy (Kaori Muto & Yusuke Inoue)
- Advanced Medicine Promotion (Mashiro Nojima)