

■ Graduate School of Business Sciences, Humanities and Social Sciences

○ Degree Programs in Humanities and Social Sciences

Degree Program	Recommended specifications of PC, etc.
Master's Program in Humanities	
Subprogram in Philosophy	Please refer to the appendix (page 7). (If you are planning to purchase a PC, we recommend a model that meets the minimum system requirements for Windows 11.) Prepare a stable and high-speed network connection.
Subprogram in History and Anthropology	Please refer to the appendix (page 7).
Subprogram in Literature	Please refer to the appendix (page 7).
Subprogram in Linguistics	Please refer to the appendix (page 7). A model that can be upgraded to Windows11 is desirable. Prepare a stable and high-speed network connection.
Subprogram in Modern Culture Studies	Please refer to the appendix (page 7). Prepare a stable and high-speed network connection.
Subprogram in English Language Education	Please refer to the appendix (page 7). Use a PC specified for online learning with a stable network setting.
Doctoral Program in Humanities	
Subprogram in Philosophy	Please refer to the appendix. (If you are planning to purchase a PC, we recommend a model that meets the minimum system requirements for Windows 11.) Prepare a stable and high-speed network connection.
Subprogram in History and Anthropology	Please refer to the appendix (page 7).
Subprogram in Literature	Please refer to the appendix (page 7).
Subprogram in Linguistics	Please refer to the appendix (page 7). A model that can be upgraded to Windows11 is desirable. Prepare a stable and high-speed network connection.
Subprogram in Modern Culture Studies	Please refer to the appendix (page 7). Prepare a stable and high-speed network connection.
Subprogram in English Language Education	Please refer to the appendix (page 7). Use a PC specified for online learning with a stable network setting.
Master's Program in International Public Policy	Please refer to the appendix (page 7). If there is a possibility of using specialized tools such as statistical software or image analysis software in your research, a suitable computer is preferred. (Please consult with your academic advisor.)
Doctoral Program in International Public Policy	Please refer to the appendix (page 7). If there is a possibility of using specialized tools such as statistical software or image analysis software in your research, a suitable computer is preferred. (Please consult with your academic advisor.)
Master's Program in International and Advanced Japanese Studies	Please refer to the appendix (page 7). Prepare a stable and high-speed network connection.
Doctoral Program in International and Advanced Japanese Studies	Please refer to the appendix (page 7). Prepare a stable and high-speed network connection.

○ Degree Programs in Business Sciences

Degree Program	Recommended specifications of PC, etc.
Master's Program in Law	Not specified
Doctoral Program in Law	Not specified
Master's Program in Business Administration	Not specified
Doctoral Program in Business Administration	Not specified

○Professional Degree Programs

Degree Program	Recommended specifications of PC, etc.
Law School Program	Please refer to the appendix (page 7).
MBA Program in International Business	Not specified

■Graduate School of Science and Technology

○Degree Programs in Pure and Applied Sciences

Degree Program	Recommended specifications of PC, etc.
Master's Program in Mathematics	In case of purchasing a new computer, please consult with your teacher in advance.
Doctoral Program in Mathematics	In case of purchasing a new computer, please consult with your teacher in advance.
Master's Program in Physics	Not specified
Doctoral Program in Physics	Not specified
Master's Program in Chemistry	Not specified
Doctoral Program in Chemistry	Not specified
Master's Program in Engineering Sciences	Not specified
Subprogram in Applied Physics	Not specified
Subprogram in Materials Science	Not specified
Doctoral Program in Engineering Sciences	Not specified
Subprogram in Applied Physics	Not specified
Subprogram in Materials Science	Not specified
Subprogram in Materials Science and Engineering	Not specified
Master's Program in Materials Innovation	Not specified
Doctoral Program in Materials Innovation	Not specified

○Degree Programs in Systems and Information Engineering

Degree Program	Recommended specifications of PC, etc.
Master's Program in Policy and Planning Sciences	We recommend a laptop with a 13-inch or larger display that is easy to carry between home and university, and easy to use for viewing video lectures and writing documents.
Master's Program in Service Engineering	The latest version of Microsoft Windows or Apple macOS operating system with at least 8 GB of memory is recommended. A microphone and a camera (external is fine) are required.
Doctoral Program in Policy and Planning Sciences	In addition, depending on the course of study and research, it is desirable to have at least 16 GB of memory and the ability to install Linux if necessary. If you wish to purchase new equipment, please consult with your supervisor in advance.
Master's Program in Risk and Resilience Engineering	Not specified
Doctoral Program in Risk and Resilience Engineering	Not specified
Master's Program in Computer Science	We recommend a laptop with a 13-inch or larger display that is easy to carry between home and university, and easy to use for viewing video lectures and writing documents. The latest version of Microsoft Windows or Apple macOS operating system with at least 8 GB of memory is recommended.
Doctoral Program in Computer Science	A microphone and a camera (external is fine) are required. In addition, depending on the course of study and research, it is desirable to have at least 16 GB of memory and the ability to install Linux if necessary. If you wish to purchase new equipment, please consult with your supervisor in advance.
Master's Program in Intelligent and Mechanical Interaction Systems	Not specified

Degree Program	Recommended specifications of PC, etc.
Doctoral Program in Intelligent and Mechanical Interaction Systems	Not specified
Master's Program in Engineering Mechanics and Energy	Not specified
Doctoral Program in Engineering Mechanics and Energy	Not specified
Doctoral Program in Empowerment Informatics	Not specified
Master's Program in Life Science Innovation (Bioinformatics)	Not specified
Doctoral Program in Life Science Innovation (Bioinformatics)	Not specified

○Degree Programs in Life and Earth Sciences

Degree Program	Recommended specifications of PC, etc.
Master's Program in Biology	Please refer to the appendix (page 7).
Doctoral Program in Biology	
Master's Program in Agro-Bioresources Science and Technology	Please refer to the appendix (page 7).
Doctoral Program in Agricultural Sciences	It is desirable to have a web camera, speaker and microphone. (External camera and headset can be used.)
Subprogram in Advanced Agricultural Technology and Science cooperated with NARO	Not specified
Doctoral Program in Life and Agricultural Sciences	Not specified
Doctoral Program in Bioindustrial Sciences	Not specified
Master's Program in Geosciences	Not specified
Doctoral Program in Geosciences	Not specified
Master's Program in Environmental Sciences	Since analysis using a PC may be performed, it is desirable to consult with your academic advisor in advance when purchasing a new product. * Use the latest OS with security measures (supported by vendors and distributors and updated).
Doctoral Program in Environmental Studies	
Master's Program in Mountain Studies	Not specified Please refer to the appendix (page 7).
Master's Program in Life Science Innovation (Food Innovation)	Not specified
Doctoral Program in Life Science Innovation (Food Innovation)	Not specified
Master's Program in Life Science Innovation (Environmental Management)	Not specified
Doctoral Program in Life Science Innovation (Environmental Management)	Not specified
Master's Program in Life Science Innovation (Biomolecular Engineering)	Not specified
Doctoral Program in Life Science Innovation (Biomolecular Engineering)	Not specified

■Graduate School of Science and Technology

○International Joint Degree Programs

Degree Program	Recommended specifications of PC, etc.
Joint Master's Degree Program in Sustainability and Environmental Sciences	PC specification is acceptable as long as it meets the requirement by University (please refer to the Appendix page 7), however, its OS should be the latest version.

■ Graduate School of Comprehensive Human Sciences

○ Degree Programs in Comprehensive Human Sciences

Degree Program	Recommended specifications of PC, etc.
Master's Program in Education	Subprogram in School Education for the Next Generation, Education (M): Please refer to the appendix. Operating system (OS) version: Microsoft's Windows 10 or Windows 11 Apple's macOS CPU: Intermediate or higher as a guide (Intel Core i5 or higher)
Doctoral Program in Education	
Master's Program in Psychology	Please refer to the appendix (page 7).
Doctoral Program in Psychology	
Master's Program in Disability Sciences	Not specified
Doctoral Program in Disability Sciences	Please refer to the appendix (page 7).
Master's Program in Counseling	Not specified
Doctoral Program in Counseling Science	Not specified
Master's Program in Rehabilitation Science	Not specified
Doctoral Program in Rehabilitation Science	Not specified
Master's Program in Neuroscience	Please refer to the appendix (page 7).
Doctoral Program in Neuroscience	Please refer to the appendix (page 7).
Doctoral Program in Medical Sciences	To take online classes, you need a terminal such as a personal computer (PC), tablet, or smartphone. If you are going to get a terminal from now on, we recommend a notebook PC with a 13-inch display that is easy to carry between home and university, and easy to view video lessons and create documents. Considering the possibility of participating in online classes and seminars that are held in real time (not recording), it is recommended that it must have a microphone and equipped with camera as possible. The wireless LAN function is indispensable for use at the university. Select the wired LAN function according to your home usage environment. Since there are many types of software that can be used as the operating system (OS), the one using Microsoft's Windows 10/11 or Apple's macOS is suitable. It cannot be said unconditionally, but as a guide, if the memory is at least 4GB and the CPU (central arithmetic unit) is equipped with an intermediate CPU (Intel Core i5 or higher), it seems that there are basically no problems for taking the video distribution class.
Master's Program in Nursing Science	To take online classes, you need a terminal such as a personal computer (PC), tablet, or smartphone. If you are going to get a terminal from now on, we recommend a notebook PC with a 13-inch display that is easy to carry between home and university, and easy to view video lessons and create documents. Considering the possibility of participating in online classes and seminars that are held in real time (not recording), it is recommended that it must have a microphone and equipped with camera as possible. The wireless LAN function is indispensable for use at the university. Select the wired LAN function according to your home usage environment. Since there are many types of software that can be used as the operating system (OS), the one using Microsoft's Windows 10/11 or Apple's macOS is suitable. It cannot be said unconditionally, but as a guide, if the memory is at least 4GB and the CPU (central arithmetic unit) is equipped with an intermediate CPU (Intel Core i5 or higher), it seems that there are basically no problems for taking the video distribution class.
Doctoral Program in Nursing Science	
Master's Program in Medical Sciences	To take online classes, you need a terminal such as a personal computer (PC), tablet, or smartphone. If you are going to get a terminal from now on, we recommend a notebook PC with a 13-inch display that is easy to carry between home and university, and easy to view video lessons and create documents. Considering the possibility of participating in online classes and seminars that are held in real time (not recording), it is recommended that it must have a microphone and equipped with camera as possible. The wireless LAN function is indispensable for use at the university. Select the wired LAN function according to your home usage environment. Since there are many types of software that can be used as the operating system (OS), the one using Microsoft's Windows 10/11 or Apple's macOS is suitable. It cannot be said unconditionally, but as a guide, if the memory is at least 4GB and the CPU (central arithmetic unit) is equipped with an intermediate CPU (Intel Core i5 or higher), it seems that there are basically no problems in taking the video distribution class.
Master's Program in Public Health	

Degree Program	Recommended specifications of PC, etc.
Doctoral Program in Human Care Science	Please refer to the appendix (page 7).
Doctoral Program in Public Health	
Doctoral Program in Sports Medicine	Not specified
Master's Program in Physical Education, Health and Sport Sciences	Please refer to the appendix (page 7).
Master's Program in Sport and Olympic Studies	Not specified
Doctoral Program in Physical Education, Health and Sport Sciences	Not specified
Doctoral Program in Coaching Science	Not specified
Master's Program in Sport and Wellness Promotion	Please refer to the appendix (page 7).
Doctoral Program in Sport and Wellness Promotion	Please refer to the appendix (page 7).
Master's Program in Art	<p>For students in the visual design area, we recommend a MacBook Air (M2,M3 or M4 chip with 16GB or more unified memory 512GB or more SSD storage, 1TB or more SSD storage if you are particularly interested in video editing). As of March 2025, the information for students dealing with graphics has been updated on the website of the School of Art and Design, so please refer to it as well.</p> <p>Students in the other areas Nothing in particular</p> <p>A one-year Adobe C.C. license will be granted to all students enrolled in AY2025 if they wish to use it (at the expense of their departments).</p>
Doctoral Program in Art	<p>Not specified</p> <p>A one-year Adobe C.C. license will be granted to all students enrolled in AY2025 if they wish to use it (at the expense of their departments).</p>
Master's Program in Design	<p>Recommended models</p> <p>MacBook Air 13-inch (M3 chip) SSD storage of 512 GB or more</p> <p>*SSD storage of 1TB or more is recommended, especially if you are interested in video editing.</p> <p>*Student discounts and promotions may apply to Mac purchases. When purchasing a Mac, we recommend that you search for keywords such as "Mac student discount" and purchase from Apple's official website.</p>
Doctoral Program in Design	<p>Software Information</p> <p>Microsoft Office</p> <p>There is no need to purchase Microsoft Office as the University of Tsukuba has a contract with Microsoft.</p> <p>Students can use Word, Excel, PowerPoint, etc. for free while they are students.</p> <p>Adobe Creative Cloud Complete Plan (for students)</p> <p>Free licenses will be distributed to new students of Degree program in Design.</p> <p>Details will be provided after admission.</p>
Master's Program in Heritage Studies	<p>In order to take online classes, you will need a personal computer (PC), tablet, or smart phone. We recommend that you get a laptop with a 13-inch display that you can easily carry between home and university, and that is capable of viewing videos and creating documents. Also, considering the possibility of participating in on-time online classes and seminars that are held in real time (not recorded), earphones with a microphone function (with audio input and output) and a camera are essential. Wireless LAN function is essential for university use. Please select a wired LAN function according to your home environment. An operating system (OS) based on Microsoft's Windows 10 or 11 or Apple's macOS is suitable because of the wide variety of software available. For RAM, at least 8GB, and for CPU (central processing unit), it is difficult to say, but as a rule of thumb, if you have an intermediate level CPU (Intel Core i5 or higher), you should have no problems in taking video streaming classes. In addition, SSD storage of at least 256 GB is also recommended.</p>
Doctoral Program in Heritage Studies	

Degree Program	Recommended specifications of PC, etc.
Master's Program in Informatics	Please refer to the appendix (page 7).
Doctoral Program in Informatics	
Doctoral Program in Human Biology	To take online classes, you will need a terminal such as a personal computer (PC), tablet or smartphone. If you are going to acquire a terminal, we recommend a laptop with a 13-inch display that you can easily carry between home and university, and that makes it easy to view video lessons and create documents. Considering the possibility of participating in online classes and seminars that are held in real time (not recorded), a microphone is essential and a camera should be provided if possible. Wireless LAN functionality is essential for university use. Wired LAN functionality should be selected according to the home environment. The operating system (OS) should be Microsoft Windows 11 or Apple macOS, as there are many types of software that can be used. The memory should be at least 4 GB, and although it is difficult to say exactly what the CPU (central processing unit) should be, as a general guideline, a CPU of intermediate or higher (Intel Core i5 or higher) will be sufficient for taking video streaming classes.
Master's Program in Life Science Innovation (Disease Mechanism)	Not specified
Doctoral Program in Life Science Innovation (Disease Mechanism)	Not specified
Master's Program in Life Science Innovation (Drug Discovery)	Not specified
Doctoral Program in Life Science Innovation (Drug Discovery)	Not specified

○Domestic Joint Degree Programs

Degree Program	Recommended specifications of PC, etc.
Joint Master's Program in International Development and Peace through Sport	Not specified
Joint Doctoral Program in Advanced Physical Education and Sports for Higher Education	Not specified

○International Joint Degree Programs

Degree Program	Recommended specifications of PC, etc.
International Joint Degree Master's Program in Agro-Biomedical Science in Food and Health	Please refer to the appendix (page 7).

■School of Integrative and Global Majors

Degree Program	Recommended specifications of PC, etc.
Ph.D. Program in Humanics	To take online classes, you will need a terminal such as a personal computer (PC), tablet or smartphone. If you are going to acquire a terminal, we recommend a laptop with a 13-inch display that you can easily carry between home and university, and that makes it easy to view video lessons and create documents. Considering the possibility of participating in online classes and seminars that are held in real time (not recorded), a microphone is essential and a camera should be provided if possible. Wireless LAN functionality is essential for university use. Wired LAN functionality should be selected according to the home environment. The operating system (OS) should be Microsoft Windows 11 or Apple macOS, as there are many types of software that can be used. The memory should be at least 4 GB, and although it is difficult to say exactly what the CPU (central processing unit) should be, as a general guideline, a CPU of intermediate or higher (Intel Core i5 or higher) will be sufficient for taking video streaming classes.

## Recommended Specifications for PC

To take online classes, terminals such as personal computers (PCs), tablets, and smartphones are required. The following is reference information for those who are about to acquire a device. However, even if all the requirements are met, we cannot guarantee that there will be no hindrance to attending online classes, so please understand and refer to them.

- If you are going to buy a PC now, we recommend a notebook PC with a 13-inch display, which makes it easy to carry between your home and university and makes it easy to browse video classes and create documents.
- Considering the possibility of participating in online classes and seminars that are held in real-time (rather than recording), a microphone is essential, and it is advisable to have a microphone and a camera.

If you cannot attend or view remote lectures alone in a quiet place, having a headset (with earphones and microphone functions) that can be connected to your own device should be a good idea.

- When you come to the university, you will need a wireless LAN to connect to the campus wireless LAN. For more information, click [here](#).
- Please select the wired LAN function according to your home environment.
- Since there are many choices of software, it is recommended to use Microsoft's Windows 11 or Apple's macOS. 8 GB or more memory is recommended.
- You do not need to buy a PC with Microsoft 365 or antivirus software pre-installed, as students at the university are licensed to use them without any additional fee.

Some satellite rooms (computer rooms) of the university are open. If you are unable to prepare the above terminals and communication lines, please use the satellite rooms. Please click [here](#) for the status of satellite openings.