

PEP WISE Program Application Requirements
Application for the 5th Year Students
(International students starting TD3 in the doctoral program in April 2022)

Program Overview

The Graduate Program for Power Energy Professionals (PEP), Waseda University from MEXT WISE Program (Doctoral Program for World-leading Innovative & Smart Education) is an integrated 5-year doctoral professional program delivered in collaboration with 13 universities (Waseda University, Hokkaido University, Tohoku University, University of Fukui, University of Yamanashi, Tokyo Metropolitan University, Yokohama National University, Nagoya University, Osaka University, Hiroshima University, Tokushima University, Kyushu University, and University of the Ryukyus).

In addition to their specialization and degree, students are awarded a PEP Excellence Doctoral Program Completion Certificate upon satisfying the requirements for the program (45 credits over 5 years, TD1 to TD5). PEP WISE compulsory courses (7 courses for 10 credits) are offered at Waseda University, while PEP WISE comprehensive elective courses are offered at the students' own program department. PEP WISE compulsory courses are designed in consideration of students from all participating universities, and are offered in multiple formats, including on-demand; several-day, stay-overnight, intensive-study sessions; and practicums at collaborating organizations. To complete the PEP training program, students must earn a doctoral degree in their specialization. Hence, students must meet their own university program's requirements.

1. Applicant Qualifications

◆ Common for all participating universities

The applicant must satisfy all of the following 1) through 4).

- 1) At the time of application, the applicant must be an officially registered the second-year master's program student at a university outside Japan. The applicant must have applied to a doctoral program at a participating university and be willing to start the program in April 2022.
- 2) The applicant must hold (or be expected to hold) a master's degree in the fields of electric power or energy materials.
- 3) The applicant must have published (or has a pending publication of) at least one research paper related to the fields of electric power or energy materials.
- 4) At the time of application, the applicant must have earned at least 20 credits of course equivalent to the PEP WISE comprehensive elective courses and/or PEP WISE general elective courses at graduate schools in Japan or abroad.

◆ Applicants for Waseda University

The applicant must satisfy both 1) and 2) below.

- 1) At the time of application, the applicant must have already applied to one of the following doctoral programs and be willing to begin study in April 2022. If the applicant does not complete the necessary entrance procedures in the applied department, the application for the PEP WISE Program will become invalid.:
 - Graduate School of Fundamental Science and Engineering (Department of Applied Mechanics / Department of Electronic and Physical Systems)
 - Graduate School of Advanced Science and Engineering (Department of Applied Chemistry / Department of Electrical Engineering and Bioscience / Department of Nanoscience and Nanoengineering)
 - Graduate School of Environment and Energy Engineering (Department of Environment and Energy Engineering)
- 2) The applicant must possess a strong desire to complete the PEP WISE Program during the three years of the doctoral program.

2. Number of Students Admitted A few

3. Application Period Monday, December 13, 2021 to Wednesday, January 12, 2022

4. Application Documents

- Application Form (designated form)
- Summary of Master's Thesis (designated form)
- Recommendation Letter from your current / prospective supervisor (free format)
- Academic Transcript of Master's Course
- Documents to prove "1. Application Qualifications (4) " (All of the following A to C)
 - A: Syllabus for each course listed on the transcript (translated into Japanese or English)
 - B: Evidence of the total number of hours in each course for which credit was earned (e.g., text on the university website or syllabus)
 - C: Explanation of the grading categories listed on the transcript (e.g., "100-90: A+, 89-80: A...", "A+ to C is passing, below that is failing," etc.)

❖ Application forms may be downloaded from the website of Faculty of Science and Engineering.

https://www.waseda.jp/fsci/en/admissions_gs/

Admissions for Graduate Schools >The Graduate Program for Power Energy Professionals (PEP), Waseda University from MEXT WISE Program (Doctoral Program for World-leading Innovative & Smart Education)

The Application Form **must be stamped by your prospective supervisor**, so please consult with and obtain the internal approval of your prospective supervisor in advance.

5. Submission Method

Application documents must be sent by registered mail to the PEP WISE Program Office. **[Must arrive before the deadline]**

Please note that the submission method may differ from that of the department you applied for.

6. Selection Method and Schedule

The selection process consists of document screening and oral examination according to the following schedule:

- Document Screening: Screening is based on application documents. The results of the document screening will be notified to all applicants by e-mail. Applicants who pass the document screening will be notified of the venue and date for the oral examination, as well as the preparation of presentation materials.
- Oral Examination: Electric Power: Friday, February 4, 2022.
(interview) Energy Materials: Thursday, January 27, 2022.
The date of the oral examination differs depending on the application field (Electric Power or Energy Materials). Candidates are required to take the oral examination on the date of the field they wish to examine.
- Examination Method: Face-to-face (at Nishi-Waseda Campus) or Online [Depending upon the situation of COVID-19]
- Examination Content: The applicant is required to give a presentation on his/her past research, reason for applying, desired research topic after entering the PEP WISE Program, and his/her future vision. This will be followed by a Q & A session.
- Announcement Date: The result will be notified to the candidates for the oral examination by e-mail.
Thursday, February 10, 2022 after 17:00
- Program Entry Procedures: Successful applicants are required to submit a written oath and other necessary documents within the procedure period.
Procedure Period: Thursday, February 24 to Friday, February 25, 2022.

7. Program Enrollment Period

Course enrollment for the PEP WISE Program is from April 2022 (TD3) to completion in TD5.

8. PEP WISE RA Stipends

Beginning on April 1, 2022, by participating in joint research with partner institutions, companies, etc., PEP WISE Program students can receive RA stipends from the supervisors.

9. Program Registration

The PEP WISE Program Office will contact those who have completed the entry procedures regarding the course registration.

10. Other Remarks

- Submitted applications cannot be changed or returned.
- Personal information collected in the application will be shared among the 13 participating universities solely for the purpose of admission, course registration and other tasks. The necessary and appropriate management will be conducted to prevent leakage, outflow, or unauthorized use of the personal information. In the event that the above-mentioned work is outsourced, the outsourced company shall be obliged to manage the information in a necessary and appropriate manner by contract.
- Admission to the PEP WISE Program does not result in any change in the applicant's graduate school, department, or research supervisor.
- Universities selected for WISE program will cooperate in reporting to Ministry of Education, Culture, Sports, Science and Technology (MEXT) on follow-up surveys of program graduates, as well as in monitoring the status of graduate using the Japan Graduates Database (JGRAD) operated by the National Institute of Science and Technology Policy (NISTEP) of the MEXT. Those who enter the PEP WISE Program are required to cooperate with these surveys after completion.

11. Contact Information

PEP WISE Program Office
Nishi-Waseda Campus, Waseda University
Administrative Office (1F, Bld. #51)
3-4-1 Ookubo, Shinjuku-ku, Tokyo 169-8555

Office hours: 9:00 – 12:30, 13:30 – 17:00 weekdays only

Phone: +81-3-5286-3238

Email: pep-info@list.waseda.jp