

PEP WISE Program Application Requirements

Application for the 5th Year Students (Transferring to TD2 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
 - At the time of application, the applicant must be an officially registered second-year master's program student at a participating university.
 - The applicant must have earned (or be in process of earning) a total of 20 credits or more in both the PEP WISE comprehensive elective courses and the PEP WISE general elective courses prescribed by the department during the master's program.
- ◆ Waseda University students

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

 - 1) At the time of application, the applicant must be in the second year of a master's program or an integrated doctoral program in one of the followings:
 - 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 / Department of Advanced Science and Engineering)
 - Graduate School of Environment and Energy Engineering (Department of Environment and Energy Engineering)
 - 2) The applicant must have decided to apply to 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)
- Research Plan for Master's Thesis (designated form)
- * For those who have applied to the Department of Advanced Science and Engineering, submit a summary of the graduation thesis instead of a research plan for the master's thesis.

- Entry Profile (designated form)
- Recommendation Letter from your current supervisor (free format)
- Academic Transcript up to the Spring 2021 semester

❖ 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]**

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

On April 1, 2022, the student becomes a PEP WISE Program student (TD2), and course enrollment for the PEP WISE Program is from April 2022 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 from April 2022.

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.
- Even in case of entering the PEP WISE Program, which is an integrated five-year doctoral professional training program, students must apply and be accepted through a separate admission process of the graduate school in order to enter the doctoral program.

11. Contact Information

PEP WISE Program Office
Nishi-Waseda Campus, Waseda University
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