

Master's and Ph.D. Programs, Quantum Engineering Design Course (QEDC),
By the Division of Precision Science & Technology and Applied Physics
Change of the Enrollment Periods and Applicant's Qualifications

The enrollment months and applicant's qualifications shall be changed and the double-degree programs shall be implemented as follows.

1. Change of the enrollment periods and applicant's qualifications.

(1) Enrollment periods

As from 2017, the enrollment periods shall be twice a year, viz., in April and October, for both the master's and Ph.D. programs.

(2) Applicant's qualifications

As from the advertisement for recruitment in October 2016, Japanese students shall be also eligible to apply for the Ph.D. program.

2. Implementation of the double-degree programs

(1) Purposes

In collaboration with partner institutes, the double-degree programs shall pursue to foster human resources of research and education equipped with the following skills:

- Research skills in the state-of-the-art cross-disciplinary areas on quantum engineering in which theoretical, experimental and simulation studies are combined;
- Communication skills for conducting international collaborative researches utilizing networks with Asian countries.

(2) Partner institutes

Specially selected students from the Quantum Engineering Design Course (QEDC) who enroll as Ph.D. candidates in the Division of Precision Science & Technology and Applied Physics shall study in the double-degree programs (DDPs) implemented in collaboration with the following institutes.

1) Republic of Indonesia

- Faculty of Industrial Technology, Institut Teknologi Bandung
<http://www.fti.itb.ac.id/english/>
- Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung
<http://www.fmipa.itb.ac.id/?lang=en>

2) Republic of the Philippines

- College of Graduate Studies and Teacher Education Research, Philippine Normal University
<http://www.pnu.edu.ph/colleges/college-of-graduate-studies-and-teacher-education-research/>
- College of Science, De La Salle University
<http://www.dlsu.edu.ph/academics/colleges/cos/>

(3) Outline of the programs

1) Start of admission: October 2016 (tentative)

2) The students shall enroll in two courses and pursue their degrees in four years in total by utilizing the credit exchange systems. Here, the long-term advantageous system shall be applied in Osaka University.

3) The schedule of studies shall be mainly as the following model:

- In the first year, the students shall take classes and directed studies in Osaka University;
- From the second to third years, the students shall take classes and directed studies in the partner institutes as well as pursuing their degrees by submitting their dissertations to the partner institutes with approval by examinations conducted there;
- In the fourth year, the students shall take classes and directed studies in Osaka University as well as keeping pursuing their degrees by submitting their dissertations to Osaka University with approval by examinations conducted there.

4) The research themes in both institutes shall be chosen based on the collaborative researches between their supervisors at both institutes.

5) In the studies at Osaka University, the students shall take classes offered in English. The all courseworks and studies in the partner institutes shall be conducted in English.

3. Miscellaneous issues

(1) The qualified candidates for the double-degree programs shall be deemed new students admitted in the QEDC for Ph.D.

(2) After registration in these double-degree programs, students who withdraw from the partner institutes shall be transferred to the regular QEDC as Ph.D. students. Students who withdraw from Osaka University without the completion of course requirements shall also be deemed withdraw from the partner institutes.

(3) Details of the admission guidelines (for enrollment in October 2016) will be announced around January 2016.
Subsequently, curriculum and requisites for completion will be announced around April 2016.

4. Contact address

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