



Doctoral Program in Science Education (English Program) (Weekend or Evening Classes or During School Breaks)

Introduction

Faculty of Education, Kasetsart University is proudly to introduce a doctoral program, Doctor of Philosophy in Science Education. This initiative is our quick move towards ASEAN Community by 2015. This program is opened for all qualified local and international applicants from our neighboring countries in this ASEAN and beyond.

Our Aims

The Ph.D. in Science Education will prepare you to become a researcher in academia, government, and the private sectors. Our program prepares you to

1. create new knowledge and innovation regarding science education;
2. lead development of research-based instructional, professional, and outreach programs; and
3. promote effective and equitable science education practices for all learners.

Faculty members

1. Associate Prof. Dr. Pongprapan Pongsophon, Ph.D. (Science Education)
2. Associate Prof. Dr. Chatree Faikhamta, Ph.D. (Science Education)
3. Associate Prof. Dr. Jeerawan Ketsing, Ph.D. (Science Education)
4. Associate Prof. Dr. Sasithev Pitiporntep, Ph.D. (Science Education)
5. Assistant Prof. Dr. Pattamaporn Pimthong, Ph.D. (Science Education)
6. Assistant Prof. Dr. Ekarat Tanak, Ph.D. (Science Education)
7. Assistant Prof. Dr. Ekgapoom Jantarakantee, Ph.D. (Science Education)

Curriculum

The Ph.D. in Science Education requires a total of not less than 48 credits. The curriculum structure is provided as follows.

Plan 1.1 Research Emphasis Dissertation 48 Cr.

Plan 2.1 Thesis with Coursework:

Coursework 12 Credits

- Seminar 4 Cr.
- Advanced Research Methods in Education 2 Cr.
- Electives 6 Cr. (6 Cr. for Biology, Chemistry or Physics

courses at master/doctoral level and Sci Ed courses for 6 Cr.)

B. Dissertation 36 Cr

Qualification

Minimum quantitative and qualitative admissions standards are applied for the Ph.D. program in Science Education including:

- Got a master's degree in Science Education or Science or Applied Science or
- Got a master's degree in other fields of education but hold a bachelor's degree in science or science education
- For those whose native language is not English, must provide proof for English proficiency; Test of English as a Foreign Language (TOEFL) higher than 450 (PBT) or higher than 45 (IBT), or IELTS score higher than 5.0 or CUTEF higher than 45
- meet the general requirements for admission to the Kasetsart University Graduate School (more information visit: <https://www.grad.ku.ac.th/en/download/app-59-f1-eng-combi-eng/?wpdmdl=29771&masterkey=5ac1f64f6052a>)
- 3 letters of recommendations
- A concept paper of dissertation research (Max. 5 page excluding reference).

The information about the interview examination

The applicants will present his/her concept paper for 10 minutes (PPT presentation, please prepare 5 copies of the slide handout) and respond to healthy comments and questions by a panel of academic committees of the Science Education Program

Tuition and Fees

THB 425,340 (USD 13639.38; 1 USD = 31.18 BHT) Covering 6 semesters, 3 year program, international workshops, extra-curricular activities). The fee does not include costs of textbooks and research work.

For further information contact

Associate Prof. Dr. Pongprapan Pongsophon, Chair (via email : pongprapan.p@ku.th)

Associate Prof. Dr. Chatree Faikhamta, Coordinator (via email: feductf@ku.ac.th)

Or visit <http://www.sp-grad.edu.ku.ac.th/>

Invited instructors

To broaden and deepen students' knowledge and experience, we will invite our long time partners, distinguished science/technology educators to run intensive workshops on selected issues in science education

Application Process:

- Fill in and submit an application form (available on <http://www.sp-grad.edu.ku.ac.th/>), and other documents mentioned in the qualification to the office of special education for Graduation Studies, Faculty of Education, Kasetsart University (for assistance, contact Associate Professor Pongprapan, pongprapan.p@ku.ac.th)
- Admission period: November 2, 2020 – March 19, 2021
- Interview examination: April 24, 2021
- Announcement of the result: May 3, 2021
- Application fee THB 1,500