Doctor of Philosophy Program in Physics (International Program) (Full time)

The Doctor of Philosophy in Physics program aims to produce graduates that are able to handle problems encountered in 5 areas: elder healthcare, smart agriculture, clean energy, geographical environment or digital industry. The focus is on integrating knowledge in Physics and other related fields to develop new bodies of knowledge or to develop innovations to tackle such problems. Examples include the application of electrospinning on producing face mask highly needed during the onset of COVID-19 pandemic, the development of biosensors based on advanced materials for food safety applications, the development of thermal scanner for high throughput body temperature screening, the applications of geological techniques for natural resources exploration or the development of highly secure communication protocol based on quantum information technology. The program also promotes lifelong learning and puts great emphasis on training our graduates in ethics, social responsibility and valuing others needs before their own. Students can choose one out of two study plans as follows:

Plan 1.1 consists of (1) non-credit compulsory registration courses and (2) thesis 48 credits for the applicant who has a Master of Science degree.

Plan 1.2 consists of (1) non-credit compulsory registration courses and (2) thesis 72 credits for the applicant who has a bachelor's degree.

<table>
<tr><td>1. Number of students limited</td><td>5</td></tr>
<tr><td>2. Plan of study</td><td>Plan 1.1 and Plan 1.2</td></tr>
<tr><td>3. Instruction Administration</td><td>Monday - Friday</td></tr>
<tr><td>4. Format of Instruction</td><td>Onsite</td></tr>
<tr><td>5. Tuition fee</td><td>56,000 per semester</td></tr>
<tr><td>6. Course Structure</td><td>
<table>
<tr><th rowspan="2">Course Structure</th><th colspan="3">Plan of study</th></tr>
<tr><th>Plan 1.1</th><th>Plan 1.2</th><th></th></tr>
<tr><td>Thesis</td><td>48</td><td>72</td><td></td></tr>
<tr><td>รวม</td><td>48</td><td>72</td><td></td></tr>
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<tr><td>7. Qualification of applicants</td><td>- The applicants who will be enrolled for Type 1.1 study must have a Master's degree in Physics, Mathematics, Chemistry, Material Science or in Engineering or other related disciplines having an average score of not less than 3.25 and have research experience in Physics. The research results were published in national or internationally recognized scientific and technological journals or in the discretion of the Curriculum Committee.
- The applicants who will be enrolled for Type 1.2 study must have a Bachelor of Science degree in Physics with a very good grade point average not less than 3.50 or at the discretion of the Curriculum Committee.
- The applicants must have an English test result in accordance with the criteria set by the Graduate School, Prince of Songkla University or at the discretion of the Curriculum Committee. The results of the English proficiency test, not more than 2 years from the application date, must come from an institution certified by the Graduate School
- Other qualifications are in according to the regulations of Prince of Songkla University, 2021</td></tr>
<tr><td>8. Application documents required by program</td><td>- Transcript
- Prospect research proposal
- English proficiency test score: PSU-TEP, CU-TEP, TOEFL or IELTS</td></tr>
<tr><td>9. Contact info</td><td>Asst. Prof. Dr. Pruet Kalasuwan, Division of Physical Science (Physics), Faculty of Science
Tel. 0-7428-8756 E-mail: pruet.kal@gmail.com
https://www.sci.psu.ac.th/en/program-in-physical-science-en/</td></tr>
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Test schedule

The program will contact the applicants directly to provide the details.