Master of Science Program in Physics (International Program) (Full time)

The Master of Science 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 applying knowledge in Physics 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 A1 consists of (1) non-credit compulsory registration courses and (2) thesis 36 credits.

Plan A2 consists of (1) compulsory registration courses 3 credits (2) elective courses for conducting research 12 credits and (3) thesis 21 credits.

<table>
<tr><td>1. Number of students limited</td><td>10</td></tr>
<tr><td>2. Plan of study</td><td>Plan A1 and Plan A2</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 A1</th><th>Plan A2</th><th></th></tr>
<tr><td>Required subject</td><td>-</td><td>12</td><td></td></tr>
<tr><td>Elective subject (no more than.....)</td><td>-</td><td>6</td><td></td></tr>
<tr><td>Thesis</td><td>36</td><td>18</td><td></td></tr>
<tr><td>รวม</td><td>36</td><td>36</td><td></td></tr>
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</td></tr>
<tr><td>7. Qualification of applicants</td><td>- The applicants who will be enrolled in Plan A Type A1 are graduates with a bachelor's degree in Physics, Mathematics, Chemistry, Materials Science or a degree related to physics, and have a minimum cumulative GPA of 3.00 or have experience conducting research in physics with published and documented research results or in the discretion of the Curriculum Committee.
- The applicants who will be enrolled in Plan A Type A2 are graduates with a bachelor's degree in Physics, Mathematics, Chemistry, Materials Science or a degree related to physics, and have an average score of not less than 2.50 or have experience in scientific research and documented evidence or in the discretion of the Curriculum Committee.
- Other qualifications as listed in regulations of the Graduate School, PSU.</td></tr>
<tr><td>8. Application documents required by program</td><td>- Transcript
- English proficiency test score: PSU-TEP, CU-TEP, TOEFL or IELTS
- Prospect research proposal</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.