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|--------------------|--|---------|-------------------|---|---|
| Program            | Packaging Technology                               | Code X  | K                 | 0 | 4 |
| Department         | Packaging and Materials Technology                 | Faculty | Agro-Industry     |   |   |
| Degree Name        | Doctor of Philosophy (Packaging Technology)        |         |                   |   |   |
| Plan               | Plan 1.1 and 2.1 (Research only option)            |         |                   |   |   |
|                    | Plan 1.2 and 2.2 (Coursework plus research option) |         |                   |   |   |
| Number of Students | First Semester:                                    | 5       | persons (Re-open) |   |   |
|                    | Second Semester:                                   | 5       | persons           |   |   |

**For plan 1.1:** The applicant must hold a Master degree in Packaging Technology, Material Science, Science, Food Science, Engineering or other related fields. The applicant must also have working or research experience in packaging or other related fields for at least one year.

**For plan 1.2:** The applicant must hold a bachelor degree ( or bachelor degree equivalence) in Packaging Technology, Material Science, Science, Food Science, Engineering or related fields. The applicant must also have a high academic records (The Bachelor degree grade average record must be at least 3.25 out of 4.0 or other equivalence scale) and also must have working or research experience in packaging or other related fields for at least three years.

The Board of The Graduate School, in the meeting number 16/2021 on 9 December 2021, resolved to give a definition of the term “Excellent Academic Performance” which means that students must obtain a cumulative grade point average of not less than 3.25.

If a cumulative grade point average is less than 3.25 but more than 3.00, applicants may be considered for admission by examining applicants’ sufficient knowledge, ability and potential to conduct and publish doctoral research which must be approved by the Admission Committee for Graduate Studies, Head of Department or Graduate Program Committee Chairperson, and Dean of the applied program, and then submit to the Graduate School for consideration. This is to be applied as a practice guideline of Kasetsart University from the first semester of 2022 academic year onwards.

**For plan 2.1:** The applicant must hold a Master degree in Packaging Technology, Material Science, Science, Food Science, Engineering or other related fields.

**For plan 2.2:** The applicant must hold a bachelor degree (or bachelor degree equivalence) in Packaging Technology, Material Science, Science, Food Science, Engineering or other related fields. The applicant must also have a high academic records (The Bachelor degree grade average record must be at least 3.25 out of 4.0 or other equivalence scale).

Applicant must have English examination result as required by the Higher Education Commission. (See the Graduate School announcement)

<http://www.grad.ku.ac.th/en/download/app-59-f1-eng-combi-eng/?wpdmdl=29771&masterkey=5ac1f64f6052a>

Qualification requirements of applicants are subject to Kasetsart University Regulations on Graduate Studies of The Graduate School, Kasetsart University.



## Details of Admission Examination

| Examination              | Date / Place  |   |
|--------------------------|---|---|
|                          | First Semester (Re-open)  | Second Semester   |
| Written Exam             | 20 May 2022: 09:00-12:00<br>Room 5616 Agro-Industry building 5,<br>6 <sup>th</sup> floor, Faculty of Agro-Industry                            | 10 October 2022: 09:00-12:00<br>Room 5616 Agro-Industry building 5,<br>6 <sup>th</sup> floor, Faculty of Agro-Industry                            |
| Oral Exam<br>(Interview) | 27 May 2022: 09:00-12:00<br>Department of Packaging and Materials<br>Technology, Room 5615 Agro-Industry<br>building 5, 6 <sup>th</sup> floor | 17 October 2022: 09:00-12:00<br>Department of Packaging and Materials<br>Technology, Room 5615 Agro-Industry<br>building 5, 6 <sup>th</sup> floor |

### Announcement of interview candidates (Available only if the program has written examination)

Name list eligible for interview for the first semester will be announced by May 25, 2022 at the second semester by October 13, 2022 at the department of Packaging and Materials Technology, Faculty of Agro-Industry. Phone: +662-562-5045

### Additional information

The Department of Packaging and Materials Technology at Kasetsart University was established 1980. It is the first institution in Thailand and also in Asia-Pacific region that offers the degree in Packaging Technology from bachelor leading to doctoral degree. Research only options for M.S. and Ph.D. Degrees are also available for packaging professionals worldwide.

The institution has research collaboration with various well-known institutions in Thailand and other countries.

Research areas of the Department cover a wide range of specialties based on diverse backgrounds of faculty members. Current research areas include packaging materials, active and intelligent packaging, biopolymer packaging, food packaging, nanotechnology innovation (nanoparticles, nanocapsules, nanocoating), packaging process and machinery, distribution packaging, innovative packaging design and development, packaging management, sustainable packaging, as well as printing technology for packaging materials and packages.

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