DOCTOR OF PHILOSOPHY IN COMPUTER SCIENCE

3-YEAR PROGRAM (for Master’s degree holder) or
4-YEAR PROGRAM (for Bachelor’s degree holder)

The Doctor of Philosophy Program in Computer Science will serve to
- Prepare researchers in the field of computer science who are capable of developing new computing technology.
- Produce highly knowledgeable university Instructors in the field of computer science whose in-depth understanding of the knowledge critical thinking, and ability to assimilate new knowledge into their instruction will lead to the development of high quality computer scientists.

Qualification for Admission

1. Type 2.1: Coursework and Dissertation (Master’s degree holder)
   Master’s degree in Computer Science or equivalent, or in other related technical fields, from the institutions accredited by the Ministry of Education, Thailand or by the official accreditation organization of the country where the institution is based.

2. Type 2.2: Coursework and Dissertation (Bachelor’s degree holder)
   Bachelor’s degree in Computer Science or equivalent, or in other related technical fields, from the institutions accredited by the Ministry of Education, Thailand or by the official accreditation organization of the country where the institution is based.

2. GPA of at least 3.25 on a scale of 4.0, or equivalent
3. Three recommendation letters from lecturers or employers

Entrance Requirements

1. A completed application form
2. Official transcript from the previous university attended (2 copies)
3. Master degree certificate for Type 2.1 or Bachelor degree certificate for Type 2.2
4. Citizen Identification Card and Residence Registration - For Thai Applicants (2 copies)
5. Passport - For Non-Thai Applicants (2 copies)
6. Photographs formal attire, not in graduation gown (Six, 1x1-inch size)
7. Letter of recommendation from former instructors or employers at the time of the application (3 letters)

Note: All documents must be endorsed with signature and submitted in person within the last day application period. Otherwise, the application will not be considered and the applicant will not be allowed for the Admission interview.

Duration:
3 years for Master’s degree holder / 4 years for Bachelor’s degree holder

Admission Schedule for January 2019 Semester

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<tr>
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<tbody>
<tr>
<td>Application Filling Period</td>
<td>December 15, 2018</td>
<td>July 21, 2019</td>
<td>December 14, 2019</td>
</tr>
<tr>
<td>AU English Proficiency Test</td>
<td>December 16, 2018</td>
<td>July 22, 2019</td>
<td>December 15, 2019</td>
</tr>
<tr>
<td>Examination Interview</td>
<td>December 18, 2018</td>
<td>July 24, 2019</td>
<td>December 16, 2019</td>
</tr>
<tr>
<td>AU Entrance Results</td>
<td>December 20, 2018</td>
<td>July 26, 2019</td>
<td>December 18, 2019</td>
</tr>
<tr>
<td>Registration Period</td>
<td>January 7-14, 2019</td>
<td>July 29 - August 9, 2020</td>
<td>December 23 - January 6, 2021</td>
</tr>
<tr>
<td>Instruction Begins</td>
<td>January 7, 2019</td>
<td>August 5, 2019</td>
<td>January 6, 2020</td>
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Exemption

The AU English Proficiency Test can be exempted depending on which of the following conditions you satisfy:
- A TOEFL score of (iBT) 90 or an IELTS (Academic) score of at least 6.5 (Validation: Two years)
- A Bachelor’s degree or a higher degree from native English speaking countries (e.g. USA, Canada, UK, and New Zealand)

Study System

1st semester: August - December
2nd semester: January - May

Venue & Class Hours

» Hua Mak Campus,
   Ramkhamhaeng 24 Road
   Mon. - Fri. 6.30 P.M. - 9.30 P.M.
   Sat. - Sun. 9.00 A.M. - 5.00 P.M.

Graduation Requirements

Type 2.1 and 2.2: Coursework and Dissertation
- Have completed all the courses of the curriculum
- Have obtained a cumulative grade point average of at least 3.00
- Have passed the proficiency test of English
- Have passed the qualifying examination
- Have passed the dissertation defense
- Have the dissertation /part of dissertation published or obtained an acceptance of its publication in a national or international journal approved by the Academic Committee of the department. For Type 2.2, have the dissertation /part of dissertation published or obtained an acceptance of its publication in an additional international conference with peer review.
- Have obtained library and financial clearance from the University
- Have demonstrated good behavior and discipline

Admission Fee

<table>
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<tr>
<th>Fee</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Admission Fee</td>
<td>Baht 500</td>
</tr>
<tr>
<td>AU English Proficiency Test and Interview</td>
<td>Baht 500</td>
</tr>
</tbody>
</table>
CURRICULUM STRUCTURE

Type 2.1 Coursework and Dissertation (Masters Degree Holder)
- Foundation Courses: Non-Credit
- Elective Courses: 12 Credits
- Dissertation: 36 Credits
- Total: 48 Credits

Type 2.2 Coursework and Dissertation (Bachelors Degree Holder)
- Required Courses: 9 Credits
- Elective Courses: 15 Credits
- Dissertation: 48 Credits
- Total: 72 Credits

STUDY PLAN FOR TYPE 2.1*
FIRST YEAR
- FIRST SEMESTER
  Three Elective Courses

SECOND SEMESTER
- One Elective Course
- Qualifying Examination

SECOND YEAR
- FIRST SEMESTER
  SC 9000 Dissertation

SECOND SEMESTER
- SC 9000 Dissertation
- Prospectus Examination

THIRD YEAR
- FIRST SEMESTER
  SC 9000 Dissertation
- Dissertation Examination

SECOND SEMESTER
- SC 9000 Dissertation
- Dissertation Examination

*: Applicants who do not studied some foundation courses in their previous degree will have to take them.

STUDY PLAN FOR TYPE 2.2
FIRST YEAR
- FIRST SEMESTER
  SC 6201 Advanced Computing Systems
  SC 6202 Computability, Complexity and Algorithms
  SC 6212 Programming Languages and Compiler

SECOND SEMESTER
- Three Elective Courses
- Qualifying Examination

SECOND YEAR
- FIRST SEMESTER
  Two Elective Courses
  SC 9000 Dissertation

SECOND SEMESTER
- SC 9000 Dissertation
- Prospectus Examination

THIRD YEAR
- FIRST SEMESTER
  SC 9000 Dissertation

SECOND SEMESTER
- SC 9000 Dissertation
- Dissertation Examination

SECOND SEMESTER
- SC 9000 Dissertation
- Dissertation Examination

DISTRIBUTION
- SC 9000 Dissertation

APPROXIMATE TOTAL FEE

3 Years
- Approximate total for Thai students: 597,600 THB (17,548 US$)
- Approximate total for non-Thai students: 607,100 THB (18,397 US$)

4 Years
- Approximate total for Thai students: 789,800 THB (23,933 US$)
- Approximate total for non-Thai students: 822,300 THB (24,918 US$)

Academic Writing
- 15,000 THB (455 US$)

Note:
1. The total fee above doesn’t cover the followings:
   - Admission fee
   - Tuition fee for non-credit courses
   - Textbooks
   - Thesis Final Defense/Comprehensive Examination
   - AU Academic Writing Course (15,000 THB)
2. The fees are subject to change at the university’s discretion without prior notice.
3. Currency exchange rate: US $1 = THB 33