PROGRAM STRUCTURE

LEVEL	: Graduate
SCHOOL	: School of Science
PROGRAM	: 647111111 : Doctor of Philosophy Program in Computational and Data Science (Plan 1.1)
PROGRAM YEAR	: 2564

PHILOSOPHY

    Computational and data science is an interdisciplinary field that uses computational knowledge such as mathematics, statistics, and computers to analyze data from various fields of science that will lead to forecasting, pattern recognition and method for decision-making in areas to be applied, such as agriculture, business, natural resources and the environment, etc. The Computational and Data Science program focuses on producing personnel with advanced knowledge and research skills to develop cognitive processes and integrate Big Data from various sciences to create a model or pattern to create a new body of knowledge and understanding. This will lead to finding solutions to problems, decision making, innovation and the most effective management.

PURPOSE

    1. Aim to produce knowledgeable Ph.D. Research competence in computational and data science with the following characteristics: - adhering to code of conduct - 21st century skills - A positive attitude - Responsibility for duties and society and can work in diverse societies - Ability to develop innovative models by integrating various sciences related to lead to finding solutions to problems, decision making, innovation and the most effective management

1 MINIMUM CREDIT : 48

Course Code	COURSE	CREDIT
1111994	Dissertation	48 (0-144-48)

2 MINIMUM CREDIT : -

Course Code	COURSE	CREDIT
1111893	Doctoral Seminar 1	0 (0-3-1)
1111894	Doctoral Seminar 2	0 (0-3-1)
1111895	Doctoral Seminar 3	0 (0-3-1)
1111896	Doctoral Seminar 4	0 (0-3-1)

REMARKS

P : Prerequisite Course

E1 : One-way Equivalent

E2 : Two-way Equivalent

รายวิชา 1006393 Principles of Translation 3(3-0-6) ในกรณีที่นักศึกษาไม่สามารถใช้ภาษาไทยได้ ให้เรียนรายวิชา 1006382 Directed Studies แทน

รายวิชา 1006397 Comparative Study of English and Thai 3(3-0-6) ในกรณีที่นักศึกษาไม่สามารถใช้ภาษาไทยได้ ให้เรียนรายวิชา 1006381 Selected Reading แทน