Doctor of Philosophy Program in Applied Mathematics
Ph.D. (Applied Mathematics)

KMUTT

Program Learning Outcomes

- Apply Mathematics to solve problems and build a body of knowledge
- Communicate and publish researches internationally
- Behave in proper attributes and work with others

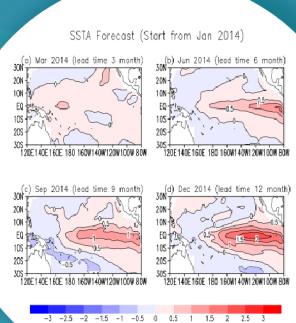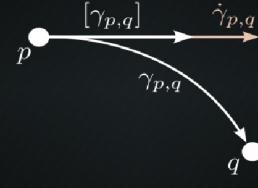*Build a body of knowledge, create mathematical researches, apply to other areas*
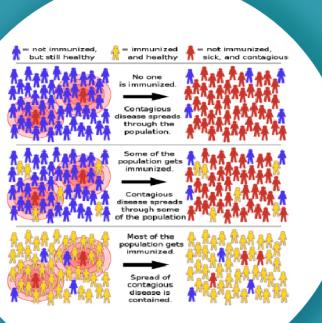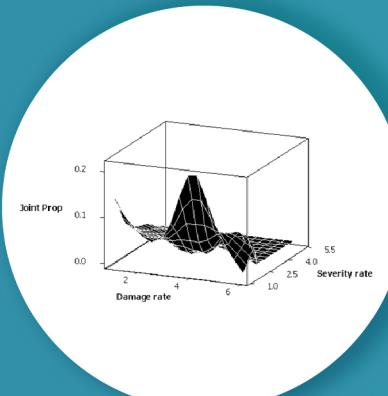
Research Groups

Oceanic and Atmospheric

Fixed Point Theory and Applications

Epidemic Model

Applied Statistics and Risk

Combinatorics and Graph Theory
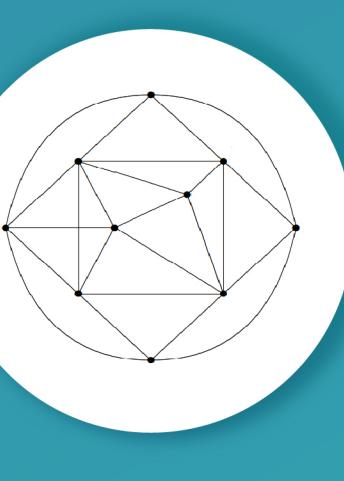
Computational Mathematics

Global Ranking of Academic Subjects 2021

Natural Sciences
(Mathematics)

1st **in Thailand**

401-500th **in the world**

by Acdemic Ranking of World University

Study plans and eligibility criteria

Master's degree holders 48 credits

Plan I: Only dissertation
- holds M.Sc. in Mathematics, Applied Mathematics, Physics, or comparable fields with GPAX no less than 3.50/4.00 and
- has publications or work experiences

Plan II: With coursework
(Compulsory 3, Elective 9, Dissertation 36)
- holds M.Sc. in Mathematics, Applied Mathematics, Physics, or comparable fields with GPAX no less than 3.25/4.00 or
- has publications or work experiences

Bachelor's degree holders 72 credits

Plan I: Only dissertation
- holds B.Sc. (Honors) in Mathematics, Applied Mathematics, Physics, Environmental Science or related fields and
- has publications or work experiences

Plan II: With coursework
(Compulsory 15, Elective 9, Dissertation 48)
- holds B.Sc. (Honors) in Mathematics, Applied Mathematics, Physics, Environmental Science or related fields or
- has publications or work experiences

Quality Assurance in practices of Thailand Qualification Framework and ASEAN University Network