

# PROGRAM STRUCTURE

**LEVEL** : Graduate  
**SCHOOL** : School of Science  
**PROGRAM** : 605110201 : Master of Science Program in Applied Chemistry Plan A 1  
**PROGRAM YEAR** : 2560

## PHILOSOPHY

This programme's emphasis is on creating graduates who possess advanced knowledge and researching skills to serve as leaders in creating chemical innovations and in the application of science, polymer technology and analytical chemistry to improving natural products. The graduates are supposed to be able to use their knowledge morally and ethically, for the benefit of the society.

## PURPOSE

1. Advanced knowledge and skills related to chemistry and its application;
2. Skills in conducting high-quality chemistry research, as well as the ability to build on previous studies or innovations and to publish and practically apply their research;
3. Skills in independent entrepreneurship;
4. Ethically and morally grounded leadership in chemistry or applied chemistry;
5. English communication ability compliant with accepted standards.

1 Thesis MINIMUM CREDIT : 36

Course Code	COURSE	CREDIT
<u>1102791</u>	Thesis	36 (0-108-36)

2 Non-credit Course MINIMUM CREDIT : -

Course Code	COURSE	CREDIT
<u>1102701</u>	Ethics and Research Methodology	0 (3-0-6)
<u>1102782</u>	Master Seminar 1	0 (0-3-1)
<u>1102881</u>	Master Seminar 2	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