

**DEVELOPMENT OF SCIENCE CURRICULUM EMPHASIZING
ON SCIENCE-TECHNOLOGY-SOCIETY AND ENVIRONMENT
LEARNING APPROACH TO PROMOTE STUDENTS'
PROBLEM SOLVING THINKING SKILL AND
SENSE OF RESPONSIBILITY TOWARD
ENVIRONMENT AND SOCIETY**

RUNGTIWA KONGSON

**DOCTOR OF PHILOSOPHY
IN CURRICULUM AND INSTRUCTION**

**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

MARCH 2014

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**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
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IN CURRICULUM AND INSTRUCTION**

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
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IN CURRICULUM AND INSTRUCTION

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