

EXAMPLE

- use font **Arial 11 pt bold** to fill in the gray area on page M1-5 (or D1-5)
- use font **Cordia New 15-16 pt bold** for Thai characters

MSc ID61 = 24 credits
PhD scheme 2.1 = 36 credits
PhD scheme 2.2 = 48 credits

Master Thesis Proposal
Faculty of Science, Chulalongkorn University

Name **Mr./Miss/Mrs. First name Last name**

ID **617 11111 23**

Department **Chemistry** Program **Chemistry**

Thesis Credits **24**

Academic Curriculum Regular Part-Time English Program International Program

Enrolled since the First Second Semester,

Academic Year **2018**

Contact Address Telephone Number **xxx-xxx-xxxx**

Thesis Title (Thai) **must be home or apartment address, not Department of Chemistry, CU**

use capital letters (bold) for title, except for scientific name

องค์ประกอบทางเคมีที่มีฤทธิ์ต้านเซลล์มะเร็งของทุเรียน *Durio zibethinus* Merr.

Thesis Title (English -- Capital Letters)

CHEMICAL CONSTITUENTS WITH CYTOTOXICITY OF DURIAN *Durio zibethinus* Merr.

office phone number, not personal number

Thesis Advisor **Professor Dr. Firstname Lastname**

Tel. **02-xxx-xxxx**

If there is no co-advisor, delete the line for co-advisor.

Signature

Student

Signature

Thesis Advisor

Signature

(Associate Professor Dr. Vudhichai Parasuk.)

Program Chair

Proposal Examination Date **date month year**

Expecting to Defend the Thesis in the First Second Semester, Academic Year

Approval by the Administrative Committee of Master Program in.....**Chemistry**.....

Meeting No. Date

Signature (Program Secretary)

Date/...../.....

Approval by the Faculty Administrative Committee Meeting No. Date

Signature

Associate Dean, Faculty of Science

Date/...../.....

EXAMPLE

Master Thesis Proposal
Faculty of Science Administrative Committee

Name **Mr./Miss/Mrs. First name Last name** ID **617 23**
 Department **Chemistry** Program **Chemistry** Thesis Credits **24**
 Academic Curriculum Regular Part-Time English Program International Program
 Enrolled since the First Second Semester, Academic Year **2018**
 Thesis Title (Thai)

Thesis Title (English -- Capital Letters)

Thesis Advisor **Professor Dr. Firstname Lastname**

Objective(s)

If there is only one objective, delete "1".

1.

Rationales, Theories, or Assumptions

- Include rationales for this work, discuss about other related work or theories, and describe what you are going to do, what will be improved from previous work, etc.
 - No references cited in this section.

- M2 must not exceed 1 page.
 - D2 must not exceed 2 pages.
 - D2 contains "Objective(s)" / "Rationales, Theories, or Assumptions" / "Research Procedure (in brief)"
 - For "Research Procedure" in D2: The number of steps and activity in each step appeared in D2, D3 and appendix should all agree. The first step should be "Literature review". The last step should be "Data analysis, manuscript and dissertation writing".

EXAMPLE

Research Plan

Use straight lines (no arrows) in numbered spaces to represent the period of time (in months) for each step to complete the thesis.

Description	Month (Thesis started in month, year)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1. Literature review	_____																	
2.																		
3.																		
Data analysis and thesis writing																	_____	

- first step and last step
- add other research activities in between

- Do not change the number of column (month) on this page. It does not correspond to your thesis/dissertation credits.
- M3 has 18 columns.
- D3 has 24 columns.

Expected beneficial outcome(s) from the thesis

Signature

Student

EXAMPLE

Appendix
Master Thesis Committee Nomination

Name **Mr./Miss/Mrs. First name Last name** ID **617** **23**
 Department **Chemistry** Program **Chemistry** Thesis Credits **24**
 Academic Curriculum Regular Part-Time English Program International Program
 Enrolled since the First Second Semester, Academic Year **2018**
 Thesis Title (Thai)

Thesis Title (English -- Capital Letters)

List of Master Thesis Committee

Write academic position of all committee members in full, e.g. Professor (not Prof.)

Do not change!

Program Chair or Appointed Personnel by the Chair Chair
Professor Dr. Firstname Lastname Advisor
Associate Professor Dr. Aaa Bbbb Committee
Assistant Professor Dr. Kkk Mmm⁽¹⁾ Committee
Professor Dr. Gil Grissom⁽²⁾ Committee (external)
 (Program Chair)
/...../.....

Provide affiliation of all committee members outside Faculty of Science, Chula (using superscript after the name).

⁽¹⁾ Department of ..., Faculty of ..., XXX University, Bangkok
⁽²⁾ Department of ..., University of, Denmark

- affiliation in Thailand: must include province
 - affiliation outside Thailand: must include country name

Note: The thesis committee nomination must comply with Section 6 "Instruction and Examination", Part 6 "Thesis Examination", Number 94 in Chulalongkorn University Graduate Studies Regulations, 2008.



Master Thesis Proposal
Faculty of Science Administrative Committee

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 Thesis Title (Thai)

Thesis Title (English -- Capital Letters)

- The thesis is involved with human or animal testing.
(Student must request an approval from a committee on ethics in human or animal testing prior to the proposal approval.)
- The thesis is not involved with human or animal testing.

Biosafety regulation

- The thesis uses pathogens, animal toxins (Pathogens and Animal Toxins Act, B.E. 2015) or genetically modified organisms.
 - Approved by Faculty of Science Institute Biosafety Committee (Project ID)
 - Exempt by Faculty of Science Institute Biosafety Committee (Project ID)
- The thesis does not use pathogens, animal toxins (Pathogens and Animal Toxins Act, B.E. 2015) or genetically modified organisms.

Appendix

Master Thesis Proposal

Name **Mr./Miss/Mrs. First name Last name**

ID **617**

23

Department **Chemistry** Program **Chemistry**

Thesis Credits **24**

Thesis Title (Thai)

- Appendix should have page number at the top right corner.
 - Appendix for master thesis proposal must not exceed 6 pages.
 - Appendix for doctoral dissertation proposal must not exceed 10 pages.

Thesis Title (Capital letters)

Thesis Advisor **Academic position First name Last name**

Co-advisor **delete this row if you don't have co-advisor**

Objective(s)

1.

This must be the same as appeared in M2 (or D2).

Rationales or assumptions

Theory and literature review

Scope of research

- References should be cited in this section.
 - Figures or schemes should be mentioned in text.
 - Figures or schemes obtained from references should be cited.
 - For abbreviation, full name should be mentioned in the first time.

Research methodology

1.
2.
3.

- The number of steps and activity in each step should agree with M3 (or D2, D3 for dissertation proposal).
 - This section should have more detail about activity in each step, e.g. procedures or synthetic scheme, method used, parameters to be studied, etc.

Expected beneficial outcome(s)

This must be the same as appeared in M3 (or D3).

References

1.
2.
3.

- All references must be written using the same format. (see example in P8)
 - Article title must be included in the references.
 - If necessary, smaller font size (10 pt) for references can be used.