

Graduate Thesis Format and Submission Guidelines

(April 1, 2026)

1. Preparation of Thesis or Dissertation

A. Writing a Thesis or Dissertation for Defense or Submission

A thesis or dissertation is classified into two types: for defense, or for submission. The relevant formats, submission deadlines, submission procedures, and other related information are as follows.

B. Preparation of a Thesis or Dissertation for Defense

- a. The thesis or dissertation must be written in English, and there is no page limit.
- b. The thesis or dissertation must be prepared using MS Word.
- c. The abstract (Exhibit 5) must not exceed 1,000 words. A summary in Korean (Exhibit 9) must be attached.
- d. The completed thesis must be submitted to the Thesis and Dissertation Committee (3 copies for a Master's degree and 5 copies for a Doctoral degree).

C. Submission Deadline

The copies of a thesis or dissertation for defense must be submitted to the committee no later than 15 days prior to the defense date.

D. Thesis or Dissertation for Submission

Once the thesis and dissertation committee approves the submitted thesis or dissertation, the degree candidate must submit an electronic copy of the thesis or dissertation to the Academic Information Resource Team within the submission deadline, in accordance with the thesis or dissertation file format and online submission procedure.

E. Mandatory Submission of the Research Ethics Compliance Pledge

When submitting the thesis or dissertation, ensure that you complete the Research Ethics Compliance Pledge in Form 4 and submit it to the Educational Affairs Office.

- ※ When submitting the form, the result of the thesis plagiarism prevention program verification must be attached.

F. Preparation of Thesis or Dissertation for Submission

- a. How to write the cover page and the main body: Follow the general principles of thesis writing, but the thesis or dissertation must be prepared according to the prescribed standards as referenced in the thesis writing example (Exhibit 1~13).
 - Edit Paper: A4 (210mm × 297 mm)
 - Paper margin (mm): top 20, bottom 15, header 15, tail 15, left 25, right 25
 - ※ line spacing, and font can be adjusted in consideration of readability
- b. Transfer of copyright must be stated at the end of the thesis or dissertation. (e.g. "I hereby grant Pohang University of Science and Technology (POSTECH) the right to make use of my thesis/dissertation for scholarly and educational purposes.")

G. Submission Deadlines

Refer to the following table for submission deadlines:

For February Prospective Graduates	For August Prospective Graduates
2 nd Friday of January of the given year	2 nd Friday of July of the given year

※ The dates may be adjusted according to the academic calendar.

H. Deferred Degree Conferment

Students who fail to submit their completed thesis or dissertation by the relevant deadline (as specified in 1-G) will automatically be considered as candidates for the following semester even if they have passed their final defense.

Note) The thesis/dissertation titles used in the Report on Final Thesis/Dissertation Defense and the submitted copy of thesis must be identical.

2. Thesis or Dissertation Defense

A. Request for Doctoral Thesis/Dissertation Defense

- 1) The copies of a thesis or dissertation for defense must be submitted to all members of the Thesis and Dissertation Committee no later than 15 days prior to the defense date.
- 2) The candidate must complete and print out the Approval Request for Doctoral Thesis/Dissertation Defense form from POVIS and have it confirmed by his or her academic advisor. (The name of the journal in which the doctoral research has been or will be published must be entered on POVIS and the evidence shall be attached.) The candidate must have the form approved by the Department Head and submit it to the Dean of the Graduate School.
 - Required documents for submission: Approval Request for Doctoral Thesis/Dissertation Defense (Form 1)

B. Report on the Final Thesis/Dissertation Defense (for Master's and Doctoral Degrees)

Once the defense is finished, the Chair of the Thesis and Dissertation Committee must fill out and turn in the Report on Final Thesis Defense to the Educational Affairs Office by the deadline below (refer to 2.B.2b).

- 1) The candidate must complete and print out the Report on Final Thesis/Dissertation Defense from POVIS, and have it confirmed by his or her academic advisor. Subsequently, he or she must obtain the signatures and seals of all members of the Thesis and Dissertation Committee and submit the report to the department. (For doctoral candidates only: if any information related to the thesis or dissertation has been changed since the submission of the Approval Request for Doctoral Thesis/Dissertation Defense, the candidate must update or modify the relevant information on POVIS).
- 2) The Report on Final Thesis/Dissertation Defense (for master's and doctoral degrees) must be approved by the candidate's Department Head and submitted to the Educational Affairs Office by December 31 (or June 30 for August prospective graduates).

a. Required documents for submission

- 1 copy of Report on Final Thesis/Dissertation Defense for Master's/Doctoral Degree (Form 2)
- 1 copy of Thesis/Dissertation Evaluation Sheet for Master's/Doctoral Degree (Form 3)

b. Submission Deadlines for the Report:

Program	For February Prospective Graduates	For August Prospective Graduates
M.S. & Ph.D.	December 31 st of the previous year	June 30 th of the given year

※ The dates may be adjusted according to the academic calendar.

C. Thesis/Dissertation Layout:

The contents of a thesis or dissertation must be in the following order:

- a. Front cover: Refer to Exhibit 1
- b. Title page: Refer to Exhibit 2
- c. Approval for Submission of Thesis: Refer to Exhibit 3
- d. Certificate of Approval for Final Thesis/Dissertation Defense (with signatures and seals): Refer to Exhibit 4
- e. Abstract: Refer to Exhibits 5-6
- f. A blank page
- g. Table of Contents: Refer to Exhibit 7
- h. Main Body: Refer to Exhibit 8
 - Introduction
 - Nomenclature
 - Theoretical & Mathematical Development
 - Experimental Method & Materials
 - Results
 - Discussion
 - Conclusions
- i. Summary in Korean: Refer to Exhibit 9
- j. References: Refer to Exhibit 10
- k. Acknowledgements: Refer to Exhibit 11
- l. Curriculum Vitae: Refer to Exhibit 12
- m. A blank page
- n. Back cover

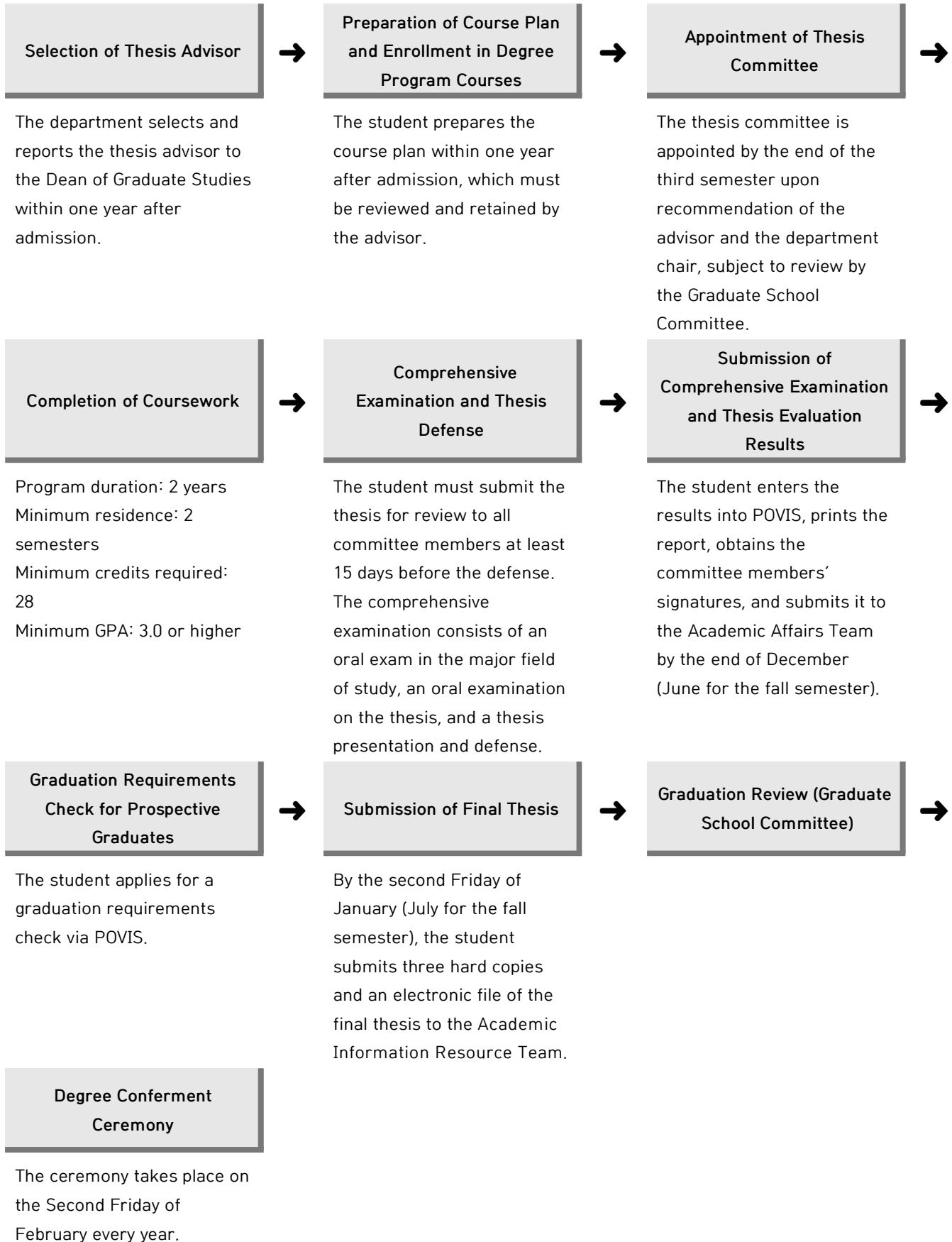
Note: The contents of the main body (from Introduction to Conclusions) may vary, but the rest of the layout cannot be changed.

D. Final Thesis or Dissertation Copyright Consent Submission Procedure

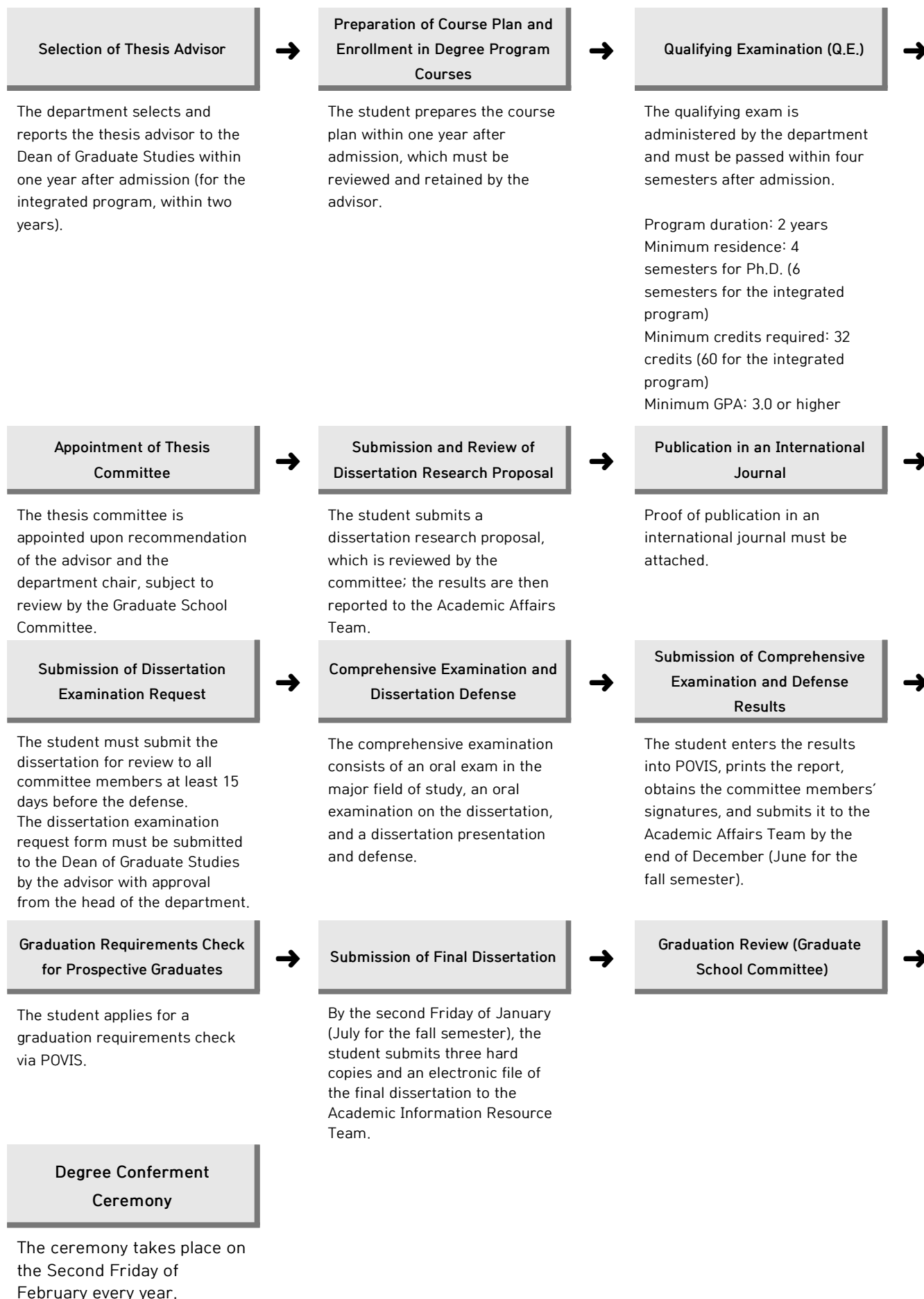
- a. Thesis or dissertation file preparation: the file format must be PDF.
- b. Request "Account Clearance for Graduation" on POVIS.
- c. Registration of the electronic copy of the thesis or dissertation: register by referring to the Academic Information Resources' Thesis Submission Guide on POVIS.
- d. Upload the thesis or dissertation PDF through the online thesis submission system (dCollection System). Upon approval by the administrator, the copyright consent form can be printed. The signed form must then be submitted via email to the Academic Information Resource Team.

3. Key academic Milestones for Degree Completion

A. Master's Degree



B. Doctoral Degree



4. Doctoral Program Qualification Exam Guidelines by Department

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
Mathematics	General Qualifying Examination: January, July	Twice a year	Written exam	Algebra and Analysis	3~5 hours for each field	Final decision will be made by Q.E Evaluation Committee composed of the head of math graduate program. and the chief examiners of each subject.	Q.E Evaluation Committee	Same as on the left	Required to pass within 2 registered semesters after the entrance
	Advanced Qualifying Examination: Scheduled on demand	Scheduled on demand	Oral exam	A thesis-related subject designated by a provisional academic adviser (Students who pass the general Q.E are eligible to take the exam)	1~2 hours	The oral exam should be taken between 4 th month and 6 th month after the department approves the exam schedule. The final decision will be made by Advanced Q.E Evaluation Committee	Advanced Q.E Evaluation Committee	Same as on the left	Required to pass within 4 registered semesters after the entrance
Physics	February, August	Twice a year	Written exam	Written examination on four basic subjects of physics (Mechanics, Electromagnetism, Quantum Physics, Thermal & Statistical Physics)	75 minutes per subject	After deliberation by the Graduate Studies Committee on the applicant's grade and rank per subject, faculty meeting shall determine whether to pass or fail the applicant.	Professor in charge of each subject	Examiner	<p>*If applicant's average grade for three of the graduate program's basic subjects is B+ or higher, it shall be equivalent to passing the qualification examination. (However, applicant must obtain A- or higher in one of the basic subjects.)</p> <p>*Graduate program's basic subjects: Electrodynamics I, Quantum Mechanics I, Analytical Mechanics, Statistical Mechanics, Electrodynamics II, Quantum Mechanics II</p> <p>*The qualification examination must be passed within two years after matriculation and a total of two opportunities are given.</p>

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
Chemistry	Scheduled on demand	Scheduled on demand	Completion of courses	Completion of at least one course from each major, such as Physical Chemistry, Organic Chemistry, Inorganic Chemistry, Analytical Chemistry, Polymer Chemistry, Biochemistry, Biomedical Chemistry, etc., and at least one course from other majors		Grade A- or above for each subject	N/A	N/A	Grade below A- is considered unsuccessful (U)
Life Sciences	January, July	Twice a year	completing substitution courses or Written Exam	Students in the MS/PhD integrated program can choose from the following subjects: Advanced Molecular Biology, Advanced Biochemistry, Advanced Cell Biology or three subjects in each area of study equivalent to the aforementioned (If a student receives grade of B+ or above in the subjects, he/she shall be exempt from taking a written Q.E.)	2 hours	Above 70 points	Course professor	Examiner	If a student in the MS/PhD integrated program fails a Q.E. at a substitute subject, he/she can take a written exam twice for the subject. Students must pass the Q.E. within four semesters of study. For prospect students who apply to Ph.D. program only, this qualification will be assessed as part of the entrance exam.
Materials Science & Engineering	Scheduled on demand	Scheduled on demand	Oral exam	-Thesis related topic (Presentation of Research plan) - Evaluation field: ①Logicality of the research plan, ②excellency of the research result and ③fundamental understanding of the course work	2 hours (Determined by the exam committee)	Average grade of at least 3 points out of the possible maximum 5 points is considered a pass	The exam committee should be the same as the dissertation proposal committee.	Same as the exam committee	-In case of failure, re-examination is carried out. -Required to pass within 3 registered semesters after the entrance and an extension of one semester is possible.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
Mechanical Engineering	January, July	Twice a year	Written exam	Total 2 subjects <ul style="list-style-type: none"> - Solid mechanics, - Thermodynamics, - Fluid mechanics, - Dynamics - Eng. mathematics, - Optics, - System control, - Heat transfer 	50 minutes per subject	Evaluated by graduate committee or faculty members of department (mechanical engineering)	Faculty member of department (mechanical engineering)	Examiner	The Ph.D qualifying exam must be taken after one-year anniversary of your initial enrollment Student who wants to re-take an examination must take the exam within six months from the time of the original exam.
Industrial and Management Engineering	January, June	Twice a year	Taking written tests or completing courses with A+ or A0	- Must be approved by the professor in charge of our graduate school by selecting five courses	75 minutes per test	Will be decided after deliberation by the graduate committee by referring to the evaluation results of the professors in charge of the courses	The professors in charge of the courses you select	The professors in charge of the courses you select	Opportunities for re-test are given only once within a year
Electrical Engineering	May (conducted with entrance examination)	One a year	written exam	2 fields selected from the options below(8): 1. Communication 2. Electromagnetism & Microwave 3. Electronic Circuits 4. Digital/Microprocessor 5. Semiconductor & Physical Electronics 6. Control & Power Electronics 7. Mathematics 8. AI	1 hour for each field	Passing score: Total of 120+ points(Each subject is graded over 40 points) * The final decision will be rendered through the department faculty meeting.	Professors from each field	Examiner	Students in Ph.D. or M.S-Ph.D. integrated program must pass the qualifying exam within 4 semesters of matriculation.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
Computer Science and Engineering	May, November	twice/year	Oral Examination	<p>1. Topic selection Applicants must select one of the two topics suggested by the QE Committee (Each topic includes two related papers).</p> <p>2. Oral exam After 4-week research on the topic of choice, applicants must submit a written proposal and make the oral presentation.</p> <p>3. Exemption Applicants whose first-authored paper is accepted or published in international journals or at conferences recognized by the department are exempt from the oral exam.</p>	11 weeks	The Graduate Studies Committee of the Division will deliberate and decide.	Applicants must assemble the committee and obtain approval from the Director of Graduate Studies	The Q.E Committee	Students in Ph.D. or M.S-Ph.D. integrated program must pass the qualifying exam within 4 semesters of matriculation.
Chemical Engineering	Scheduled on demand	Scheduled on demand	Course Completion	<p>[1] Applied to students admitted up to Fall 2025.</p> <p>During master's or Ph.D., the candidate must complete one of the following courses: CHEB611 (Advanced Reaction Engineering), CHEB621 (Advanced Thermodynamics), and CHEB642 (Advanced Transport Phenomena). However, if the candidate has not majored in chemical</p>		Decision is made by the department's faculty senate	Course Instructor	Examiner	<p>The candidate must complete at least one of the courses mentioned to qualify.</p> <p>Students in Ph.D. or M.S-Ph.D. integrated program can take the written exam instead if they do not pass the course. (Students may select one of the courses they have taken for the written exam.)</p> <p>Students in Ph.D. or M.S-Ph.D. integrated program must pass the qualifying exam within 4 semesters from</p>

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				<p>engineering, he or she can complete one of the following undergraduate courses instead: CHEB204 (Chemical Engineering Thermodynamics), CHEB305 (Reaction Engineering), and CHEB417 (Transport Phenomena I)</p> <p>[2] Applied to students admitted from Spring 2026</p> <p>During master's or Ph.D., the candidate must complete one of the following courses: CHEB611 (Advanced Reaction Engineering), CHEB621 (Advanced Thermodynamics), CHEB642 (Advanced Transport Phenomena) and CHEB631 (Advanced Biochemical Engineering). However, if the candidate has not majored in chemical engineering, he or she can complete one of the following undergraduate courses instead: CHEB204 (Chemical Engineering Thermodynamics), CHEB305 (Reaction Engineering), and CHEB417 (Transport Phenomena I)</p>					matriculation.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
CiTE	May, November	Twice per year	Oral examination	<p>1. Course completion requirements: Completion of one graduate course in IT field (CiTE, EE, CSE, etc.) and one other graduate course with grade of B0 or higher respectively.</p> <p>(Entrants as of 2022) Completion of three graduate courses - including two courses in IT field (with at least one course originally opened in CiTE) and another course - with grade of B0 or higher respectively.</p> <p>2. After a four-week research period on a topic of choice for the oral examination, the student must submit a written proposal then give the presentation approximately a week thereafter.</p>		The Graduate Studies Committee of CiTE will deliberate and make a decision after the student passes the oral examination and meets course completion requirements	The students must nominate their examiner and obtain approval for the nomination from the Director of Graduate Studies	Examiner	Students in Ph.D. or MS/Ph.D. integrated program must pass the Q.E. within 4 semesters after matriculation (within 6 semesters for part-time Ph.D. students).
AI	May, November	twice/year	Oral Examination	<p>1. Topic selection Applicants must select one of the two topics suggested by the QE Committee (Each topic includes two related papers).</p> <p>2. Oral exam After 4-week research on the topic of choice, applicants must</p>	11 weeks	The Graduate Studies Committee of the Division will deliberate and decide.	Applicants must assemble the committee and obtain approval from the Director of Graduate Studies	The Q.E Committee	Students in Ph.D. or M.S-Ph.D. integrated program must pass the qualifying exam within 4 semesters of matriculation.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				submit a written proposal and make the oral presentation. 3. Exemption Applicants whose first-authored paper is accepted or published in international journals or at conferences recognized by the department are exempt from the oral exam.					
DESE	June, December	Twice a year	Written examination	Select 3 subjects among DESE Core subjects	Within 100 minutes/ subject	60 points or above out of 100 points	The lecturing professor	Examiner	Students in Ph.D. or Integrated programs must pass the 3 selected core subjects within the first two years of starting their program. If they don't pass, they may re-take the exam once per course, and are only required to re-take the course in which they did not pass.
Division of Advanced Materials Science	Scheduled on demand	Scheduled on demand	Oral examination	Thesis-related subjects (if the subject grade is A- or higher, exam is exempt)	2 hours	At the discretion of the judges	2 joint advisors + 1 professor	Examiner	Course Repetition (specify course) or retest
Division of Advanced Nuclear Engineering	January, July	Twice a year	Written examination	[2017~2020] 2 courses among Nuclear Power Plant Engineering, Radiation Detection, Radioactive Waste Management, and Nuclear Engineering, Nuclear Reactor Physics, 4		60 points or above out of 100 points	The lecturing professor	Examiner	- Students who earn grade A- or higher in mandatory and elective subjects are exempt from the Q.E. - Students who fail to pass the Q.E. can re-take the exam (once per course).

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				<p>courses in total</p> <p>[2021~2025] Students must pass the Q.E. for 3 Common Mandatory Courses (Nuclear Engineering, Nuclear Reactor Physics, Nuclear Power and Social Problems) and must pass the Q.E. for 1 out of 6 Mandatory Courses (Nuclear Thermal-Hydraulics, Plasma Fundamentals and Applications, Radioactive Waste Management, Intro. to AI and Robotics for Extreme Environment, Introduction to Nuclear Materials Engineering, Field Robotics). 4 courses in total.</p> <p>[2026~] Students must pass the Q.E. for 2 Common Mandatory Courses (Nuclear Engineering, Nuclear Reactor Physics) and must pass the Q.E. for 1 out of 7 Mandatory Courses (Nuclear Thermal-Hydraulics, Plasma Fundamentals and Applications, Radioactive Waste</p>					

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				Management, Intro. to AI and Robotics for Extreme Environment, Introduction to Nuclear Materials Engineering, Field Robotics, Nuclear Power and Social Problems). 3 courses in total.					
Division of Interdisciplinary Bioscience & Bioengineering	Early January	Once a year	Written examination	2 mandatory courses (1 mandatory, 1 mandatory elective) *Applicants with grade of B+ or higher are exempt	90 minutes/subject	Decision made by deliberation from the Education Committee	Decision made by deliberation from the Education Committee	Examiner	Re-examination limited to once in two-year period. Only failed subjects must be retaken at re-examination
Major in Social Data Science	January, July	Twice a year	Written examination Course requirement completion	2 mandatory courses (Social Science and Data Analysis, Social Issue and Trend Analysis, Statistical Research Method) Select 2 subjects	75 minutes/subject	Evaluation from the course professor on the subject and deliberation from the Education Committee of each major	Professor for each course	Examiner	Applicants with A0 or higher are exempt from written examination. *The qualification examination must be passed within two years after matriculation and a total of two opportunities are given
Major in Medical Science and Engineering	Scheduled on demand	Scheduled on demand	Course Completion	1. Course Completion Requirements (Required Major Elective) Computer Programming, Deep learning for biomedical engineering I,II, Medical device-new drug development licensing, App of Mathematics and Big Data, Topics in Applied Mathematics, Medical Device Design Process,Bioethics and Introduction to clinical Research, Career Design in			Course Instructor	Examiner	The candidate must complete at least one of the courses mentioned to qualify. Students in Ph.D. or M.S-Ph.D. integrated program can take the written exam instead if they do not pass the course. (Students may select one of the courses they have taken for the written exam.) Students in Ph.D. or M.S-Ph.D. integrated program must pass the qualifying exam within 4 semesters from matriculation.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				Medical Science & Engineering, Biomedical Chemistry, Advanced, Immunology, Neurobiology, Advanced Biochemistry, Advanced Cell Biology, Clinical Anatomy and Physiology for Scientists and Engineers, Basic Clinical Pathology, Advanced Molecular Biology I , Special Topics in Biological Physics					
Major in Defense Science and Technology	Scheduled on demand	Scheduled on demand	Written examination	Evaluation through portfolio and research plan	90 minutes	Decision made by deliberation from the Education Committee	Decision made by deliberation from the Education Committee	Examiner	Students must pass the doctoral qualification examination within two years of admission, and they are given a total of two opportunities.
Major in Synthetic Biology	Early January	Once a year	Written examination	2 mandatory courses (2 mandatory) *Applicants with grade of B+ or higher are exempt	90 minutes/subject	Decision made by deliberation from the Education Committee	Decision made by deliberation from the Education Committee	Examiner	Re-examination limited to once in two-year period. Only failed subjects must be retaken at re-examination
Department of Ferrous & Eco Materials Technology	Scheduled on demand	Scheduled on demand	Oral examination	1. Requirement. -Enrollment for a minimum of 3 semesters in the program -12 course credits completed before taking the Q.E -Cumulative GPA of 3.0/4.3 or above 2. Oral exam Submission and presentation of written proposals with basic knowledge of major and research project implementation	About 2 hours	At the discretion of the judges	1. Ph.D. course: The review committee should consist of 5 member including the dissertation advisor of Ph.D. candidate. At least 1 member of the committee must be selected from other departments or institutions. And the majority of committee	Same as on the left	-If a student fails the exam, he/she may have an opportunity to retake the exam. The second attempt must occur within 4 semesters of beginning the program.

Department	Exam Schedule	Frequency	Exam Type	Fields	Exam Duration	Pass/Fail Decision	Question Design Committee	Grading Committee	Measures for failed examinees and Availability of Re-examination
				<p>※ Ph.D. course: If the qualifying exam is accepted, it will be considered as passing the proposal.</p>			<p>members must be GIFT faculty member</p> <p>2. Intergrative course: The review committee should consist of 3 member including the dissertation advisor of Ph.D. candidate. And the majority of committee members must be GIFT faculty member</p>		
Department of Battery Engineering	Scheduled on demand	Scheduled on demand	Oral examination/ Course Completion	<p>1. Requirement.</p> <p>a. Ph.D. course - Completion of more than 12 credits in the major (Until the 4th semester) Exam is exempt</p> <p>b. Intergrative course -Enrollment for a minimum of 3 semesters in the program -12 course credits completed berfore taking the Q.E -Cumulative GPA of 3.0/4.3 or above</p> <p>2. Oral exam Submission and presentation of written proposals with basic knowledge of major and research project implementation</p>	About 2 hours	At the discretion of the judges	<p>1. Intergrative course The review committee should consist of 3 member including the dissertation advisor of Ph.D. candidate. And the majority of committee members must be GIFT faculty member</p>	Same as on the left	If a student fails the exam, he/she may have an opportunity to retake the exam. The second attempt must occur within 4semesters of beginning the program.

Approval Request for Doctoral Dissertation Evaluation

Dept . Head		Staff	Manager	Deanof Graduate School
<p>I hereby request approval for the following plan to hold a Doctoral Dissertation Evaluation, in accordance with Article 13 of the Graduate School Regulations for the Conferment of Degrees.</p> <p style="text-align: right;">Date(MM/00/YY) :</p> <p style="text-align: right;">Thesis Committee Chair: (Signature)</p>				
Student Information	Dept.:	Student IDNo:	Name:	
	Program:	Year/Semester:	Major :	
Thesis Title	(Korean)			
	(English)			
Exam Date				
Exam Location				
Name of the Journal				
Registration No. of the Journal				
Position in Committee	Department	Name		
<p>Attached: One (1) copy of the proof of publication in an international journal (either an acceptance letter or a reprint of the paper)</p>				

Report on Final Thesis Defense

Dept . Head		Staff	Manager		Dean of Graduate School
<p>I hereby submit this Report on Final Thesis Defense in accordance with Article 13 of the Graduate School Regulations for the Conferment of Degrees.</p> <p style="text-align: right;">Date(MM/DD/YY) : _____ Thesis Committee Chair: _____ (Signature)</p>					
Student Information	Dept.: _____ Program: _____	Student ID No: _____ Year/Semester: _____	Name: _____ Major: _____		
Thesis Title	(Korean) _____				
	(English) _____				
Publication Date	Registration No. of the Journal	Name of the Journal (Published, Accepted)			
Classification	Date	Result	Classification	Date	Result
Qualifying Exam			Oral Exam		Pass . Fail
2nd Foreign Language Exam			Thesis Defense		Pass . Fail
Grade Point Average	. I		Thesis Evaluation		Pass . Fail
Position in Committee	Department		Name		Signature
※ Attached: Thesis Evaluation Sheet					

Thesis Evaluation Sheet

Student Information	Dept.: Program:	Student ID No: Year/Semester:	Name: Major :
Thesis Title	(Korean)		
	(English)		
Summary of Evaluation			
Thesis Committee ChairDept. :		Date(MM/DD/YY):	Name: (Signature)

Research Ethics Compliance Pledge

Department		Degree Program	
Name		Student ID No.	
Current Year /Semester		Contact No.	
Thesis Title (English/Korean)			
Confirmation of thesis plagiarism prevention program verification results(Digital receipt) submission			()

I submit the thesis for examination and the results of the thesis plagiarism prevention program verification as above. In the process of writing this dissertation, I thoroughly abided by the research ethics without committing research misconduct such as forgery, alteration, plagiarism, etc.

I pledge to take all responsibility for all problems and consequences that may arise from non-compliance with research ethics, including the cancellation of the degree.

Date (DD/MM/YY):

Applicant:

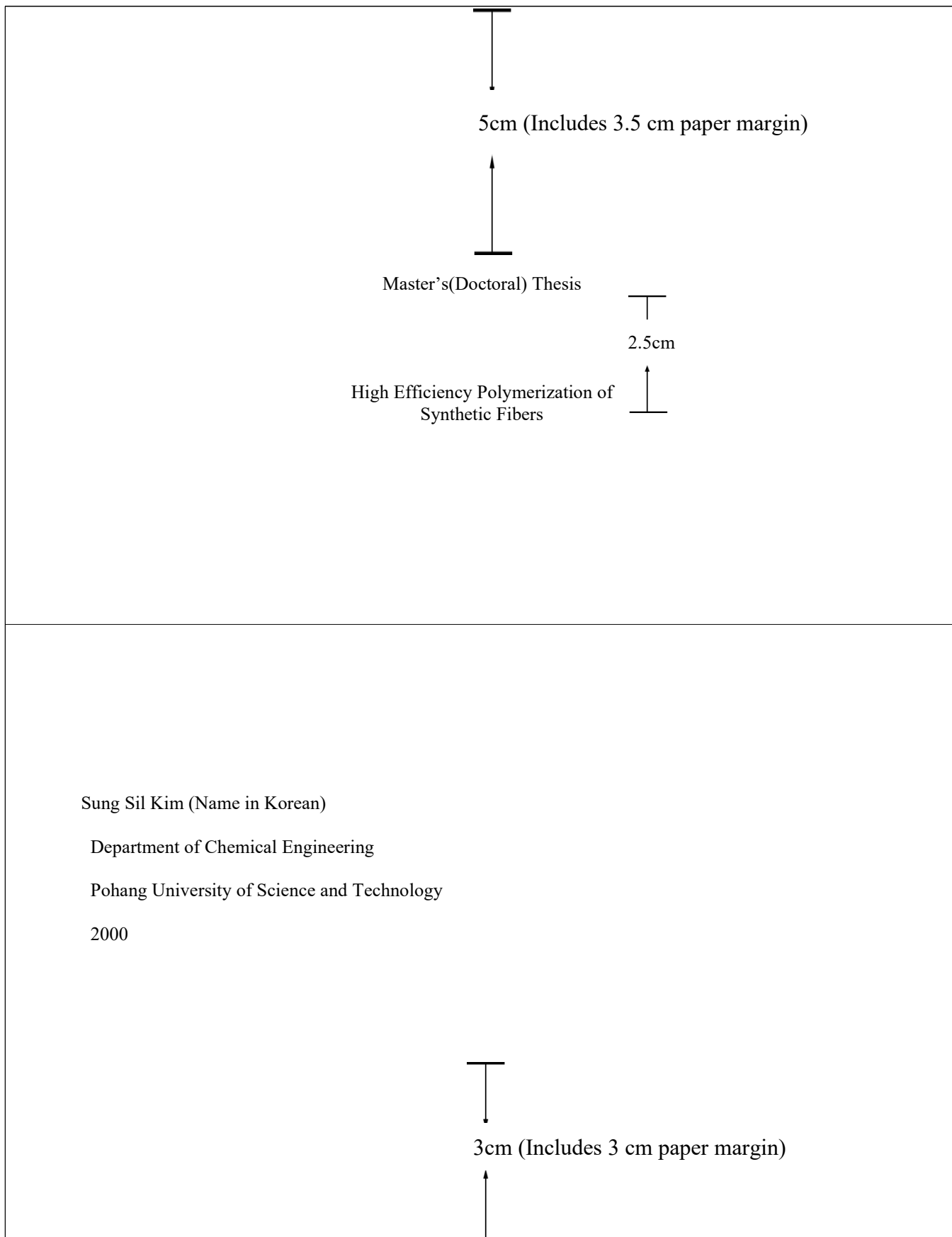
(Signature)

Academic Advisor:

(Signature)

To Dean of Graduate School of POSTECH

Exhibit 1: Front Cover



* Paper size: A4(210mm×297mm)

* Font: Myeongjo, Sinmyeongjo, Batang, or Gulim font for Korean, and Arial, Times New Roman, or similar font for English

* Font Size: Title 21pt, Others 16pt

* Year: Enter the year of graduation

(Title in Korean)

**High Efficiency Polymerization of
Synthetic Fibers**

High Efficiency Polymerization of Synthetic Fibers

by

○ ○ ○ (Name of Student)

Department of ○ ○ ○ ○ (○ ○ ○ program)

Pohang University of Science and Technology

A thesis/dissertation submitted to the faculty of Pohang University of Science
and Technology in partial fulfillment of the requirements for the degree
of Master of Science [Doctor of Philosophy(Doctoral)] in the

○ ○ ○ (○ ○ ○ program)

Pohang, Korea

A thesis/dissertation submitted to the faculty of Pohang University of Science

Approved by

○ ○ ○ (Signature)

Academic Advisor

* Font Size: Title 21pt, Others 14pt

* Date: Enter the date signed

* Refer to Exhibit 13 for the department names.

Thesis Title

Sung Sil Kim

The undersigned have examined this thesis/
dissertation and hereby certify that it is worthy of acceptance for a master's/
doctoral degree from POSTECH

MM/DD/YYYY

Committee Chair ○ ○ ○ (Seal)
Member ○ ○ ○ (Seal)
Member ○ ○ ○ (Seal)
Member ○ ○ ○ (Seal)
Member ○ ○ ○ (Seal)

* Font Size: Title 21pt, Name 16pt, Others 14pt

* Three seals required for master's and five seals required for doctoral degree

* Date: Enter the approval date of the final defense for the submitted thesis/dissertation

Exhibit 5: Abstract

| 10mm | 20mm |

40mm

Degree Name(Korean) ○○ Name(English) ○○

Student Title(English) ○○ Title(Korean) ○○

No. Department, Year of Graduation, Pages,

 Advisor: Name. Text in English(In case of Text in English)

40mm

ABSTRACT

(Enter 5 spaces at the beginning of the paragraph.)

Abbreviation by Department

Name of Dept.	Master	Doctor
수 학	M M A	D M A
물 리 학	M P H	D P H
화 학	M C H	D C H
생 명 과 학	M L S	D L S
신 소 재 공 학	M M S	D M S
기 계 공 학	M M E	D M E
산 업 경 영 공 학	M I M E	D I M E
전 자 전 기 공 학	M E E	D E E
컴 퓨 터 공 학	M C S E	D C S E
화 학 공 학	M C E	D C E
I T 용 합 공 학	M C I T E	D C I T E
환 경 공 학	M E V	D E V
인 공 지 능 대 학 원	M G S A I	D G S A I
첨 단 재 료 과 학	M A M S	D A M S
첨 단 원 자 력 공 학	M A N E	D A N E
시 스템 생 명 공 학	M I B B	D I B B
융 합 대 학 원 S D S 전 공	M S D S	D S D S
융 합 대 학 원 의 과 학 전 공	M M E D	D M E D
융 합 대 학 원 국 방 과 학 기 술 전 공	M D S T	D D S T
융 합 대 학 원 경 영 과 학 전 공	M M S I	-
융 합 대 학 원 푸 드 테 크 용 합 전 공	M C F T	-
융 합 대 학 원 양 자 정 보 과 학 전 공	M Q I S	D Q I S
융 합 대 학 원 산 업 데 이 터 사 이 언 스 전 공	M I D S	-
융 합 대 학 원 합 성 생 물 학 전 공	M S Y N	D S Y N
반 도 체 대 학 원	M S T	D S T
친 환 경 소 재 학	M F T	D F T
배 터 리 공 학	M B E	D B E

217mm

* Font size: Title 14pt, Others 11pt

* Written in English and less than 1,000 world

* The pages before the main body should be numbered I, II, III, IV, V, etc.

* Refer to the next page for an example.

Exhibit 6: Example of an Abstract Page

MCH “*Korean Name*” Sung Sil Kim,
20010001 High Efficiency Polymerization of Synthetic Fibers.
Title in Korean,
Department of Chemistry, 2009, 108P, Advisor: Chul Su Kim
Text in English.(if the main content is in English)

ABSTRACT

.....

.....

.....

.....

.....

* Your given name should be followed by your family name.

Exhibit 7: Example of a Table of Contents

Contents

I. Introduction	1
II. Literature survey	4
2.1	4
2.2	5
III. Experimental	6
3.1	6
3.2	7
3.3	11
3.4	12
3.5	12

* Make sure to number your contents correctly.

* Font Size: Title 14pt

Others 11pt

I. Introduction

II. Literature survey

III. Experimental

* Font Size: Title 14pt, others 11pt (footnote: 9~10pt)

* Margins: Top 20, Bottom 15, Header 15, Footer 15, Left 25, Right 25

* Page number: Bottom-center of the page, and insert a hyphen (-) on both sides of the number

* Line spacing of 170 or more, set width of 100, and letter spacing of 0

요약문

* Font Size: Title 14pt, Others 11pt

* Written in Korean.

REFERENCES

1. Baker, K.P., Dixon, p., Magazine, M/I. and Silver, E.A. “An algorithm for the dynamic lot sizing problem with time varying production capacity constraints.”

Management Science, Vol.24, No.16, 1978, PP.1710-1720.

2. Bahl, H.C., “Column generation based heuristic algorithm for multi-item scheduling.”

IIE, Vol.15, No2, 1983, pp.136-141.

3. Bahl, H.C. and Ritzman, L.P. “A cyclic scheduling heuristics for lot sizing with capacity constraints, International Journal of Production Research, Vol.No.2, 1984, pp. 791-800”

Acknowledgements

Curriculum Vitae

Name :

Education

1990~1994 (B.S.)

1994~1996 (M.S.)

1996~2000 (Ph.D.)

Experience

1996.3~2000.....

Affiliation

.....

.....

* Font Size: Title 14pt, Others 11pt

* It is prohibited to disclose information beyond the above categories for protection of personal information.

Exhibit 13: List of Department (Program) Names

- Department of ~ (~program)
 - Mathematics
 - Physics
 - Chemistry
 - Life Sciences
 - Materials Science and Engineering
 - Mechanical Engineering
 - Industrial and Management Engineering
 - Electrical Engineering
 - Computer Science and Engineering
 - Chemical Engineering
 - Convergence IT Engineering
- Division of Environmental Science and Engineering
- Graduate School of Artificial Intelligence
- Graduate School of Semiconductor Technology
- Division of ~ (~program)
 - Advanced Materials Science
 - Advanced Nuclear Engineering
 - Interdisciplinary Bioscience & Bioengineering
- Graduate School of Convergence Science and Technology (Major in ~)
 - Social Data Science
 - Medical Science and Engineering
 - Defense Science and Technology
 - Management Science
 - Convergence Food Technology
 - Quantum Information Science
 - Industrial Data Science
 - Synthetic Biology
- Graduate Institute of Ferrous & Eco Materials Technology
 - Department of Ferrous & Eco Materials Technology
 - Department of Battery Engineering