



Overview of Doctor of Philosophy (Ph.D.) Program offered in School of Mechanical Engineering

(* Please note that all the requirements below may subject to new policies each year. The Graduate Affairs Office reserves the right for the explanation.)

Figure 1. Overview of Ph.D Program

Timeline	Event	Note
1 st month of Semester 1	Make your study plan online according to the <u>Degree Requirements</u> , select courses online and take courses	1.Course Selection Deadline: the end of 3 rd academic week . 2.All the online process should be operated in the Graduate Information Management System with your SJTU Jaccount (http://en.gs.sjtu.edu.cn/)
The end of the 1 st month of Semester 1	Submit your study plan to the Graduate Affairs Office(GAO, Room 104, Mechanical Building A)	Signature of your supervisor is required before submission the hard copy to GAO.
Semester 2	Select courses online, complete all the coursework in your study plan and prepare for the thesis proposal	In principle study plan shall not be changed. If changes needed, the request can only be accepted within the first beginning two weeks while the certain courses you'd like to change haven't got started.
The end of 1 st month of Semester 3	Take the Comprehensive Test	Comprehensive Test will be conducted in oral. Questions proposed are mainly related to coursework in your study plan, knowledge of your research frontier and your technical skills, etc.
Semester 3, 4, 5, 6, 7 and 8	Prepare, propose, get evaluated by intermediate evaluation, pre-defend and defend a Doctoral thesis according to the <u>Degree Requirements</u>	In principle Ph.D Program shall be finished within 3-4 years. If extension needed, please go to GAO for details.

Degree Requirements for Doctoral Students

To obtain a Doctor of Philosophy (PhD) Degree from SJTU School of Mechanical Engineering, students must fulfill the following requirements.

1. Complete specific **Coursework**.
2. Requirement for **Paper Publication**.
3. Prepare, propose, get evaluated by intermediate evaluation, pre-defend and defend a **Doctoral Thesis**.
4. The length of Ph.D program varies from 3 to 4 years flexibly. If the doctoral student doesn't complete his/her thesis or meet the requirement of paper publication within 4 years, he/she could apply for Ph.D Extension. The maximum length of Ph.D program is 6 years.

1. Coursework

To complete their coursework requirement, Doctoral students must take a number of courses.

- 1) Credits requirement.
 - ① At least 16 credits' courses must be completed.
 - ② Compulsory courses are: ***Chinese Language*** (Course Code CN16001, 2 credits), ***Chinese Culture*** (Course Code G090510, 2 credits), ***English for Academic Purposes*** (Course Code FL28002, 2 credits), ***Scientific Writing, Integrity and Ethics*** (Course Code GS00001, 1 credit).
- 2) Students who failed in exam are not eligible for thesis defense. The student shall retake the corresponding course and get it passed.

2. Paper Publication

- 1) It is required that the candidates should have at least 3 papers been published or accepted by core journals (SCI or EI), among them at least 2 papers published or accepted by such journals, and 1 of them published or accepted by international academic conference. Besides, at least one of these papers should be written in English and published or accepted by SCI journals or international academic conference. 每位博士生在其申请学位论文答辩之前，必须在**核心及核**

心以上期刊或者国际会议上发表至少三篇论文（期刊论文二篇以上、会议论文一篇以上）。其中：至少一篇论文要用英文在国际 SCI 源刊物上发表或录用、至少一篇论文为国际会议论文。

- 2) Only when the affiliation and address of the first author is recognized as from SJTU, papers published or accepted could be counted as valid one for his publication. 发表学术论文的第一作者单位必须是上海交大。
- 3) When the candidate is recognized as the first author, his or her paper number could be counted as 1. If the candidate is recognized as the second author, his or her paper number could be counted as 0.5, but the first author must be recognized as his or her supervisor. When candidate is recognized as the third author or other following co-author, his or her paper published or accepted won't be counted as a valid number. 论文篇数的计算办法：以第一作者发表的论文计算为 1 篇，以第二作者发表的计算为 0.5 篇（第一作者必须是导师），第三作者及以后不予计算。

3. *The Doctoral Thesis*

Candidates who have completed all the requirements of *Coursework* and passed the Comprehensive Test are eligible for doctoral thesis defense. A successful defense of a Doctoral Thesis involves the following steps, which are shown in **Fig. 2**.

Figure 2. Doctoral Thesis Timeline

To-do List	Deadline	Description
Step 1. Work with your supervisor on the thesis proposal and upload <i>Thesis Proposal Form</i> online	End of semester 3	<i>Thesis proposal</i> provides the following information: (1) the proposed content of the research work, (2) a comprehensive literature review of the state-of-the-art in the field, (3) a description of the research tasks that have been completed, (4) a discussion of preliminary results, (5) the original contribution of the proposed research, and (6) the tasks that will be completed before the thesis defense.
Step 2. Intermediate evaluation	Determined by supervisor	After Intermediate evaluation, the intermediate evaluation form/report needed to be uploaded online.
Step 3. Pre-defense	3 months before the end of semester 8	Pre-defense can be seemed as a rehearsal to help candidates better prepare for the final defense. Draft thesis for pre-defense needed to be uploaded online.
Step 4. Upload draft thesis for final thesis defense online for repetition check	2 months before the end of semester 8	Candidates with repetition-check rate over 10% will not be eligible to apply for PhD degree. The draft thesis uploaded for final thesis defense is the one to be evaluated in blind-evaluation process.
Step 5. Blind-evaluation	2 months before the end of semester 8	Candidates' draft thesis will be selected randomly for blind evaluation. Anticipate over a month for blind-evaluation results. Candidates who are disqualified in blind-evaluation will not be eligible to apply for thesis defense.
Step 6. Evaluation	1 month before the end of semester 8	Candidates' draft thesis will be evaluated by an expert. Candidates who are disqualified in evaluation will not be eligible to apply for thesis defense.
Step 7. Apply for thesis defense online	two weeks before final thesis defense	
Step 6. The final thesis defense	Determined by Doctoral Thesis Committee (DTC) .	Final thesis defense is conducted in public and lasts for one hour, including 20-30 minutes presentation of thesis content and 30 minutes answering questions given by DTC.
Step 7. Submit final thesis online	Within a month after final thesis defense	Candidates revise draft thesis according to GTC's comments. Final thesis and other related documents should be uploaded online and then submitted to Academic Degree Committee (ADC) for final evaluation.
Step 8. Being awarded Ph.D degree	Determined by ADC	Hard copy of Ph.D degree will be awarded to successful candidates.