## 國立臺灣師範大學物理學系學位授予暨碩士班修業規定

81 學年度第 2 次系務會議 820109 修正通過 92 學年度第 4 次系務會議 930614 修正通過 94 學年度第 3 次系務會議 950322 修正通過 98 學年度第 3 次系務會議 980306 修正通過 101 學年第 3 次系務會議 1020313 修正通過 104 學年度第 1 次系務會議 1040925 修正通過 104 學年度第 4 次系務會議 1050309 修正通過 104 學年度第 4 次系務會議 1050608 修正通過 105 學年度第 2 次系務會議 1051005 修正通過 106 學年度第 2 次系務會議 1051005 修正通過 107 學年度第 2 次系務會議 1080611 修正通過 107 學年度第 1 次系務會議 1080624 修正通過 108 學年度第 1 次系務會議 1080924 修正通過 108 學年度第 1 次系務會議 1080924 修正通過

- 一、本規定依據本校學位授予暨研究生學位考試辦法訂定之。
- 二、學位中文名稱:理學碩士;學位英文名稱:Master of Science;英文縮寫: M.S.。
- 三、碩士班研究生合於下列各項規定者,准予畢業:

(一)、在規定年限內(1~4年)修滿規定之科目與學分。

- (二)、完成碩士論文並通過論文口試。
- 四、畢業最低學分為24學分。
- 五、論文口試必須在修畢規定之科目與學分,並完成碩士論文後方得舉行。

六、必須修畢本系碩、博士班所開授之科目與學分,其規定如下:

(一)、必修:

- 1、量子力學:6學分。
- 2、統計力學(一)及固態物理(一)(二擇一):3學分。
- 3、古典電動力學(一):3學分。
- 4、書報討論:3學分。
- (二)、選修:除書報討論外,應任擇本系開設開課代碼 PHC、PHD、PHM 字 頭之課程三科(含)以上,但不包括基礎量子力學。
- 七、碩士生應於一年級下學期開學前選擇指導教授。
- 八、本系碩士生須於撰寫學位論文之前完成學術研究倫理教育課程修習並通過 研習檢定測驗,始能正式撰寫學位論文。
- 九、學位考口試委員名單由指導老師提出書面推薦並授權單位主管認定。如資格 認定有疑慮則送本系研究生事務委員會審定。
- 十、本規定經系務會議通過後續送院相關會議及教務會議通過後公告周知,修正時亦同。

\*本辦法自 108 學年度起畢業生適用。

## Regulations for Master's Program Study and Degree Awarding of the Department

## of Physics, National Taiwan Normal University

Revised in the second departmental meeting of the 1992 academic year, January 9, 1993 Revised in the fourth departmental meeting of the 2003 academic year, June 14, 2004 Revised in the third departmental meeting of the 2009 academic year, March 2, 2006 Revised in the third departmental meeting of the 2019 academic year, March 6, 2009 Revised in the third departmental meeting of the 2015 academic year, March 6, 2009 Revised in the third departmental meeting of the 2015 academic year, March 6, 2009 Revised in the first departmental meeting of the 2015 academic year, March 6, 2009 Revised in the third departmental meeting of the 2015 academic year, March 6, 2009 Revised in the first departmental meeting of the 2015 academic year, June 8, 2016 Revised in the first departmental meeting of the 2016 academic year, June 8, 2016 Revised in the fourth departmental meeting of the 2016 academic year, June 8, 2016 Revised in the fourth departmental meeting of the 2017 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 11, 2019 Revised in the fourth departmental meeting of the 2019 academic year, June 12, 2020) Revised in the fourth departmental meeting of the 2019 academic year, 2010, Jaculty course committee meeting for college of science for the second semester of the 2019 academic year (March 19, 2020), and the meeting of the academic affairs office for the second semester of the 2019 academic year (April 22, 2020)

- 1. These regulations are stipulated in accordance with the directions for degree awarding and related examinations.
- 2. The degree awarded is Master of Science, abbreviated as MS.
- 3. Master students who comply with the following stipulations may be granted the MS degree.
  - (1) Satisfying the requirements of required subjects and acquiring required credits within the prescribed period (1 to 4 years);
  - (2) Completing a Master's thesis and passing an oral examination.
- 4. Students must acquire at least 24 credits to graduate.
- 5. An oral examination must be held after the student completes required courses, acquires required credits, and finishes the Master's thesis.
- 6. Students are required to complete the following courses provided by the Master's and PhD programs and acquire related credits.
  - (1) Compulsory subjects:
    - (i) Quantum <u>M</u>echanics: 6 credits;
    - (ii) Statistical <u>Mechanics</u> (I) or <u>Solid-state</u> <u>Physics</u> (I): 3 credits;
    - (iii) Classical <u>E</u>lectrodynamics (I): 3 credits;
    - (iv) Seminar course: 3 credits.
  - (2) Electives: In addition to a <u>Seminar course</u>, students must take at least three courses with the course codes PHC, PHD, or PHM provided by the Department of Physics, excluding fundamental quantum mechanics.
- 7. Master students should select their advisors before the beginning of the second semester of their first year.
- 8. Master students in the Department of Physics must complete the academic research ethics course and pass the related examination before writing their Master's thesis.
- 9. A list of examiners for the MS degree oral examination are recommended in in writing by the student's advisor and determined by the competent authority. If the qualifications of the examiners are in doubt, the list of examiners are reviewed and determined by the graduate committee of the Department of Physics.

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10. Regulations that have been approved in a departmental meeting are submitted to a faculty-related meeting and academic affairs meeting. After approval in the faculty-related and academic affairs meetings, the regulations are announced. The same procedures apply for revised regulations.

\*These regulations are applicable to graduates starting from the 2019 academic year.