

## Undergraduate Degree Requirements for the Department of Physics, National Taiwan Normal University

Passed in the second departmental affairs meeting of the 1997 academic year  
 Revised in the first departmental affairs meeting of the 2010 academic year  
 Revised in the fourth departmental affairs meeting of the 2011 academic year  
 Revised on November 30, 2015 in a curriculum committee meeting  
 Revision on January 6, 2016 in the 2nd departmental affairs meeting of the 2015 academic year  
 Revised and passed on October 11, 2017 by the departmental curriculum committee  
 Revision on January 10, 2018 in the second departmental affairs meeting of the 2017 academic year  
 Prevision on June 28, 2018 in the fourth departmental affairs meeting of the 2017 academic year  
 Revision passed on September 24, 2019 in the first departmental affairs meeting of the 2019 academic year

I. Regulations for compulsory course credits, minimum elective course credits, and minimum course credits for graduation of undergraduate students in the Department of Physics (hereinafter “the department”) are listed in the following table.

Students who successfully complete all required courses and obtain the required credits will be awarded a bachelor’s degree according to the Degree Conferral Act. Since the 2019 academic year, the department has no longer stipulated a language proficiency test as a graduation requirement (applicable to department students starting from the 2019 academic year).

Academic year of enrollment		Compulsory course credits requested by the university	Teacher education program credits	Compulsory course credits requested by the department (note)	Minimum elective course credits requested by the department (note)	Elective course credits	Minimum credits required for graduation
1994		26	26	62	12	20	148
1995 to 1996		28	26	66	12	16	148
1997	Enrollment in teacher education program	28	26	66	12	16	148
	Without enrollment in teacher education program	28	○	66	18	16	128
1998	Enrollment in teacher education program	28	26	66	18	10	148
	Without enrollment in teacher education program	28	○	66	18	16	128

2002	Enrollment in teacher education program	28	26	66	18	16	154
	Without enrollment in teacher education program	28	○	66	18	16	128
2007	Enrollment in teacher education program	28	26	69	18	16	157
	Without enrollment in teacher education program	28	○	69	18	16	131
2013	Enrollment in teacher education program	28	26	60	15	25	154
	Without enrollment in teacher education program	28	○	60	15	25	128

Note: compulsory course and elective course credits from the department are limited to compulsory courses and elective courses taught by departmental teachers

Students who are admitted to the Department of Physics with an academic qualification equivalent to the second year of high school education in Taiwan or other equivalent international qualifications including from Hong Kong and Macau should undertake an extra 12 credits in addition to the minimum credits requested by the department for graduation (departmental elective courses).

- II. Regulations for prerequisite/blocked courses and departmental internships are as follows:
1. Students who have passed at least one of General Physics (a) I and II must enroll for Electromagnetics I and II and for Modern Physics I and II.
  2. Students who have not completed Physics Teaching Methods and Materials may not enroll for Physics Teaching Internship I and II.
  3. Students must enroll in and pass one of the four elective courses namely, Physics Education Internship, Research Internship, Industrial Internship, or Overseas Internship, to meet graduation requirements. This regulation is applicable to first-year undergraduate students enrolled after the 2018 academic year.
- III. Credits for general education courses (with the exception of Introduction to University Studies offered by the department) are not included in credits required for graduation.
- IV. Undergraduate students must undertake no less than 16 and no more than 27 credit hours each academic year. This does not apply to final-year students, who are required to

undertake 9 credit hours or more each semester. In addition, students in a study extension should enroll in at least one course per semester.

Students under exceptional circumstances approved by the Department Head are not subject to this regulation.

- V. Final-year students must pass the review by the Teacher Training Assessment Team prior to enrolling in Physics Teaching Methods and Materials and Physics Internship I and II.
- VI. Students who wish to transfer professional education course credits as credits required for graduation (elective courses) must apply for “renouncing teacher training rights” or “renouncing a portion of professional education course credits”. Applicants having applied to renounce their teacher training rights may not apply for credit waivers using their previously obtained professional education course credits if they subsequently re-enter National Taiwan Normal University’s teacher education program. Students who applied for partial transfer of their professional education course credits as credits required for graduation (elective courses) may no longer obtain professional education course credits.
- VII. Students in the third and fourth year of their undergraduate program are allowed enrollment in master’s degree courses. If this regulation contradicts course instructors’ regulations, the course instructor’s regulations shall prevail. The aforementioned courses will be open for enrollment during the course registration stage. Course credits from the department’s master’s courses taken by undergraduate students (1) will be included in their minimum academic credits required for graduation. However, these master’s course credits will not be recounted if students are admitted to the department’s master’s program. (2) If these master’s course credits are not included as students’ minimum academic credits required for graduation, students may apply for credit waiver and transfer according to the National Taiwan Normal University Regulations for Credit Waiver and Transfer if they are admitted to the department’s master’s program.