

National Taiwan Normal University

Regulations on Enrolling in the Program of Information Technology and Applications

Adopted by the first Academic Affairs Meeting in the school year 2018 on October 31, 2018

- I. To cultivate information technology professionals in all fields, National Taiwan Normal University (hereinafter, the “University”) establish the Program of Information Technology and Applications (hereinafter, the “Program”) in accordance with the University’s Inter-disciplinary Program Establishment Regulations. The Program is coordinated by the Department of Computer Science and Information Engineering.
- II. Students of the University who are not graduating within the school year may enroll in the Program.
- III. The Program requires at least 12 credits. Please refer to the Curriculum of the Program of Information Technology and Applications for details about the courses.
- IV. Students who have enrolled and passed courses identical or similar to the courses of the Program may apply for course recognition.
- V. The Program adopts the method of post-recognition. Students who complete the courses and credits required by the Program may prepare an application and transcript of past years for review by the Department of Computer Science and Information Engineering, and then apply to Academic Affairs Office for issuance of the program certificate.
- VI. Students who extended graduation in Bachelor’s program and graduate program students shall pay credit fees in accordance with the University’s relevant rules when enrolling in this Program.
- VII. Students who fail to complete the required courses and credits of the Program within the enrolled period may continue and complete the Program if they are enrolled in the graduate programs at the University.
- VIII. Matters not detailed in the Guidelines will be handled in accordance with relevant laws and regulations.
- IX. The *Regulations* will be implemented after being adopted by the Academic Affairs Meeting. The same applies to any amendments.

National Taiwan Normal University

Curriculum of the Program of Information Technology and Applications

Reviewed and adopted by the first Curriculum Committee Meeting in school year 2018 on October 31, 2018
 Adopted by the first Curriculum Committee Meeting in school year 2019 on October 30, 2019
 Adopted by the first Curriculum Committee Meeting in school year 2020 on November 4, 2020

Item	Course Name	Remarks	
Required Courses	Computational Thinking and Programming (2 credits)	2 credits	
Item	Course Name	Credits	Remarks
Application Courses	Mobile Application Development (2-3 credits) Introduction to Internet of Things (2-3 credits) Science and Programming (2-3 credits) Data Science and Programming (2-3 credits) Learn to Code: Images, Animation, and Games (2-3 credits) Algorithms in Daily Lives (2-3 credits) Special Topics on Computer Science (I) : Information Systems (3 credits) Special Topics on Computer Science (II) : Information Systems (3 credits)	10 credits	
	Computer Programming (I) (3 credits) Computer Programming (II) (3 credits) Other courses related to programming may be recognized, for example: C/C++ Programming Python Programming Java Programming R Programming		
Programming Courses			
Total		12 credits	