

CSE Bachelor Degree Curriculum Plan

Course Name	Credit(s)	1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester
CHINESE	4	V	V						
ENGLISH	4	V	V						
CROSS-COLLEGE ELECTIVE COURSES	6	V	V		V				
GE ELECTIVE COURSES (Liberal Arts)	12-13				V	V	V	V	
VOLUNTARY SERVICE	1			V					
PHYSICAL EDUCATION	4	V	V	V	V				
GE INTERNATIVE COURSES	0	V	V	V	V	V	V		
CSE ELECTIVE COURSES	30	V	V	V	V	V	V	V	V
PROFESSIONAL CORE COURSES (See Course Plan Below)	61	V	V	V	V	V	V	V	
COURSES FROM OTHER ACADEMIC UNITS	12-13	V	V	V	V	V	V	V	V
REMARKS	The total graduation credits will be 135 credits. Therefore, students must fulfill mandatory courses listed above plus electives courses from other academic units to apply for their graduation.								

【 Professional Core Courses Plan 】

Course Name	Credit(s)	1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester
Calculus (I)	3	V							
Discrete Mathematics	3	V							
C Computer Programming (I)	3	V							
C Computer Programming Practice laboratory (I)	1	V							
Calculus (II)	3		V						
C Computer Programming (II)	3		V						
C Computer Programming Practice laboratory (II)	1		V						
Digital Electronics	3		V						
Data Structures	3			V					
Linear Algebra	3			V					
Digital System	3			V					
Digital System Laboratory	1			V					
Operating Systems	3				V				
Probability	3				V				
Computer Organization	3				V				
Algorithms	3					V			
Assembly Language and Micro- computer	3					V			
Object-Oriented Programming	3					V			
Computer Science and Engineering Forum	1					V			

Course Name	Credit(s)	1 st semester	2 nd semester	3 rd semester	4 th semester	5 th semester	6 th semester	7 th semester	8 th semester
Assembly Language and Micro-Computer Practice	1					V			
Unix System Programming	3						V		
Design and Implementation of Compiler	3						V		
Computer Network	3						V		
Special Topics in Practice (I)	1						V		
Special Topics in Practice (II)								V	

Note:

1. Undergraduate students must submit English Proficiency Test Certificate prior to graduation.
2. Undergraduate students must Participate 6 interactive activities set by Division of General Education no later than the 6th semester.
3. Undergraduate students must take at least 61 credits from professional core courses and at least 30 credits from CSE Elective courses;
4. To pass Collegiate Programming Exam(CPE) (At least solve two questions in one exam);
5. In addition to the university-wide requirements on the number of credits for graduate study, the department requires that at least 30 of these credits must be for graduate-level courses from the department. Among these 30 credits, there must be at least two professional elective courses from one specific area the department's curriculum planning structure;
6. 28 credits of General Education are required for graduation (Notes: courses like Exercise and Health 、 National Defense Education and NSYSU General Education Lectures are not included);
7. Undergraduate students are required to either pass one of the English Language Tests approved by NSYSU or acquire 4 credits from “Basic Education: English Language Ability” courses;
8. Undergraduate students who wish to take courses opened by General Education, please consult General Education Curriculum Planning/Structure which provides the requirements to be met for courses taking in different divisions;
9. For more information, please visit NSYSU’s website: click Office of Academic Affairs, choose Regulations and find Education Framework Diagram for Undergraduates.