

Table of Required Credit Hours and Rules & Regulations for Undergraduate Students Seeking a Double Major at National Central University

Department	Credit Hours Earned from Required Courses	Credit Hours Earned from Core Electives	Credit Hours Earned from Other Electives	Other Rules and Regulations
Department of Chinese Literature	52			Students are required to demonstrate mastery in at least two canonical works from the Chinese classical tradition.
Department of English	84			
Department of French Language and Literature	56		8	8 course credit hours must be earned from electives taken from the Department of French Language and Literature.
Department of Mathematics	44	12		
Department of Physics	62 or 63			
Department of Chemistry	69			
Department of Life Science	70			Required courses should be taken from the Department of Life and Science; those taken from other departments must first be recognized by this Department before they may be waived.
Department of Optics and Photonics	71			Similar courses taken from other departments may be waived provided the student presents an outline of the course content and the Department of Optics and Photonics approves the waiver.
Department of Civil Engineering	66			

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Department of Chemical and Materials Engineering	86		6	6 course credit hours must be earned from electives taken from the Department of Chemical and Materials Engineering.
Department of Mechanical Engineering (Opto-Mechatronics Section)	73			
Department of Mechanical Engineering (Advanced Materials and Precision Manufacturing Section)	77			
Department of Mechanical Engineering (Design and Analysis Section)	77			
Department of Business Administration			11 (4 courses)	1. Students applying for a double major in Business Administration are required to have maintained a grade average point which ranks them in the top 20 percent of the class each semester since their enrollment in the University and before they are given permission for a second major in the

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	72			Department; 2. Students are expected to take the required courses offered by the Department and in the sequence as specified by the Department unless such courses offered by the student's first major are identical to those offered by the Department; in which case, students may take courses offered by the department in which they are pursuing their first major. Required courses which are taken from other departments and which have the same titles and credit hours as those offered by the Department must be accredited by the responsible instructors in the Department before being waived. A maximum of three courses may be waived.
Department of Information Management	81			Students applying for a double major in Information Management are required to have earned a G.P.A. of at least 80 points and be ranked in the top one-third of their class (an official transcript and class ranking certificate must be included in the application).
Department of Finance	75		6	Students are required to take two of the following electives: "Introduction to Civil Law," "Business Law," "Securities Transaction Law."

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Department of Economics	54		24	
Department of Electrical Engineering	57	27	18	Refer to the remarks field in Articles 1-3 of the Department's table of required courses for further rules and regulations regarding the elective courses.
Department of Computer Science and Information Engineering	66		15	<ol style="list-style-type: none"> Students applying for a double major in Computer Science and Information Engineering are required to have earned a G.P.A. of at least 80 points or be ranked in the top 25% of their class (an official transcript and class ranking certificate must be included in the application). Refer to Article 3 in the remarks field of the Department's table of required courses for further rules and regulations regarding the elective courses.
Department of Communication Engineering	62	18	18	Refer to the remarks field in Articles 1 and 2 of the Department's table of required courses for further rules and regulations regarding the elective courses.
Department of Atmospheric Sciences (Atmospheric Sciences	57			

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Section)				
Department of Atmospheric Sciences (Space Sciences Section)	57			
Department of Earth Sciences	64		23	