

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	78			1. Applicant should accomplish at least one course from the department. 2. Applications should be submitted only in fall semester of the year in the appointed date.
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			
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)	73			

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nics Section)				
Department of Mechanical Engineering (Advanced Materials and Precision Manufacturing Section)	77			
Department of Mechanical Engineering (Design and Analysis Section)	77			
Department of Business Administration	72		11 (4 COURSES)	<p>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 Department;</p> <p>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 students' 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.</p>
Department of	81			Students applying for a double

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Information Management				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	<p>1. Students are required to take two of the following electives: “Introduction to Civil Law,” “Business Law,” “Securities Transaction Law.”</p> <p>2. Applicants should fulfill either of the requirements below: a. Pass all subjects of the last semester and earn a G.P.A. ranked in the top 20% of the class. b. Already earn half of the required credits by the double major regulation and pass all the subjects.</p>
Department of Economics	54		24	
Department of Electrical Engineering	58	27	18	表列系訂核心選修 27 學分及其他選修 18 學分之修課方式，請參閱本系必修科目表備註第 1 至第 3 條之說明。
Department of Computer Science and Information Engineering	66		9	<p>1. 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).</p> <p>2. 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.</p>

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
				3. Students could take some of the mathematic courses related to the subjects of our department (Calculus, Linear Algebra, Discrete Mathematics, Probability and Statics, etc.) from the Department of Mathematics. Those who already took courses as such could apply for credits waiving under the verification of the department.
Department of Communication Engineering	62	18	18	表列系訂核心選修 18 學分及其他選修 18 學分之修課方式，請參閱本系必修科目表備註第 1、2 條之說明。
Department of Atmospheric Sciences (Atmospheric Sciences Section)	53			
Department of Atmospheric Sciences (Space Sciences Section)	57			
Department of Earth Sciences	58		23	