

National Chiao Tung University
Department of Transportation and Logistics Management

Guidelines of Course Selection for Undergraduate Students

- I. Guidelines stated herein are proposed in accordance with Article XXII of the *General Study Regulations of National Chiao-Tung University (NCTU)* to help the faculty of the Department of Transportation and Technology Management (DTTM, hereafter the Department) to advise students on course selection.
- II. Minimum credit requirements for each year of study: (No limit on maximum course load)

Year of Study	Minimum credits required
Freshmen	15
Sophomore	15
Junior	15
Senior	9

- III. Principally DTTM students must take the required courses (except the common required courses of the College of Management or of NCTU) offered only by the Department each semester for each study-year students.
- IV. If a student must re-take a required course which s/he had failed previously in another department, the students should get the consent from the DTTM instructor by signing on the course selection form, which should be submitted to the Department Office by the deadline. Otherwise, the credits of the course will not count towards graduation.
- V. Students who have failed a half or more of the total credits taken in a semester can register no more than 21 credits of coursework in the following semester.
- VI. Courses of graduate schools are open for senior students only, though underclassmen may take those courses with applications that bear the instructors' signed consent.
- VII. Calculation of Credits Required for Graduation
 1. The minimum credit requirement for graduation of DTTM is 136 credits. Students should also fulfill the credit requirements of NCTU common required courses for undergraduate students at the same time.
 2. To be eligible for graduation, DTTM students must complete at least 15 credits of elective courses offered by the Department. (All DTTM's electives offered for sophomores or above are included; though the Individual Study for Undergraduate Students is excluded.)
 3. The minimum credit requirement for NCTU common required courses for undergraduate students is 28 credits, which include the following related courses and credits allocated in different categories: (Also applicable to the students admitted in the academic years 2007-08 and 2008-09.)

Table of NCTU Common Required Courses
for Undergraduate Students Admitted in and after the Academic Year 2009-10

Domain	Category	Credit(s)		Index
		Sub-total	Total	
n L 3	English Foundation Courses	4	at least	1. Freshmen are required to take 4 credits of English Foundation Courses (2

	1. Advanced English Courses 2. Other Foreign Languages (i.e. Japanese, Germany, French, etc.)	at least 2	6 credits	credits each in fall and spring semester, respectively.) 2. Students are required to take at least 2 credits of advanced English or other language courses, such as Japanese, Germany, French, etc. in or after sophomore year. 3. Students of Colleges of Electric Engineering and Computer Science are required to complete at least 8 credits of foreign language courses.	
General Education	Required course: Contemporary World	2	20-22	1. There are foundation core courses, advanced courses, and special topic courses in each sub-category of the general education. Students are required to complete at least one elective course in each sub-category. 2. For the detailed classification of general education and each sub-category courses, please refer to the instruction and schedule of the course selection of the General Education. 3. Selection of remote courses or courses offered by other universities should be applied and approved by the General Education Center in advance in order to be accepted. 4. Students of Colleges of Electric Engineering and Computer Science are required to complete at least 20 credits of general educational courses while students of other colleges are 22 credits.	
	Sub-categories of elective courses	Classic cultures and aesthetic sense			18-20
		History, world civilization, and globalization			
		Civics and economics			
		Ethics and inter-personal relationship			
		Natural science and logical reasoning			
Total Credits		28		1. All undergraduate students are required to complete at least 28 credits of the common required courses, including at least 6 credits of English or other foreign language courses and at least of 20 credits of courses in general education. 2. If an undergraduate student has completed more than 28 credits of the common required courses, up to 40 credits of such can be counted towards graduation unless otherwise specified by individual departments.	

Notes:

Students admitted in or before the academic year 2004-05 should follow the regulation of “NCTU Common Required Courses for Undergraduate Students Admitted in or before the Academic Year 2004-05.”

Students admitted in the academic years 2005-06 and 2006-07 should follow the regulation of “NCTU Common Required Courses for Undergraduate Students Admitted in or after the Academic Year 2005-06.”

- a. If an undergraduate student has completed more than 28 credits of the common required courses, then DTTM can accept up to 30 credits towards graduation.
- b. Students who fail the preliminary test of the High-Intermediate Level of the General English Proficiency Test (GEPT) should have successfully completed the courses of Remedial English I & II (one credit each) before graduation though the credits of these two courses will not count towards graduation.

4. Arts Appreciation Education I & II:

Undergraduate students admitted in or after the academic year 2006-07 are required to take the courses of Art Appreciation Education I & II during the first year (2 semesters) of study. Students who don't complete the courses during the first year must complete them before graduation. No undergraduate students are allowed to graduate without completing these courses.

5. Service Learning I & II:

- a. Service Learning courses are divided into Service Learning I and II and are to be taken chronologically.
- b. Students are restricted to take Service Learning I in the Department but may attend Service Learning II offered by other departments as well as by the Department.

The courses are compulsory and should be retaken if students failed them, though their credits will not count towards graduation.

6. Military (Nursing) Training Courses:

- a. Military Training is optional. It is counted as 2 credits per a two-hour class each week, but the cumulated credits will not count towards the minimum credit requirement for graduation.
- b. Nursing Training will take 2 hours each week as a 2-credit course which credits can be cumulated and counted up to 4 credits towards graduation.

7. Physical Education:

Undergraduate students admitted in or after the academic year 1992-93 are required to take physical education each semester in their first three years of study; while it is an elective for seniors (1 credit for each advanced course but 0 credits for beginner's courses). The credit(s) of physical education will not count towards graduation.

VIII. The aforementioned guidelines and their revisions will be implemented upon approval by the Departmental Affairs Meeting.