Required Courses for Students Majoring in Communication Engineering in the College of Electrical Engineering and Computer Science (applicable to students admitted in Fall 2008)

Academic Year Semester Course Titles	First Semester		Second Semester		Third Semester		Fourth Semester	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Common Required Courses (30)	Chinese (3)	Chinese (3)	History (2)					
	Foreign Languages (3)	Foreign Languages (3)						
	●16 credit hours of General Education courses, of which one course must be from each of the following core areas: Humanities & Thought, Physical Science, Applied Science, and Social Thought & Phenomenon. The remaining courses may be General Education electives. ●One non-credit Physical Education course each semester of their first three academic years, two of which must be Freshman PE I and Freshman PE II. ●One non-credit Service Education course in the fall and spring semester of an academic year.							
Required Courses of the Department (62)	Calculus MA1003 (3)	Calculus MA1004 (3)	Electronical Circuits I CO2001 (3)	Electromagnetics I CO2003 (3)	Communications Experiment I CO3001 (1)	Communications Experiment II CO3002 (1)		
	General Physics PH1001 (3)	General Physics PH1002 (3)	Electronics I CO2005 (3)	Electronics II CO2006 (3)	Communication Theory I CO3007 (3)	Communication Theory II CO3008 (3)		
	General Physics Laboratory PH1003 (1)	General Physics Laboratory PH1004 (1)	Engineering Mathematics II CO2007 (3)	Electronic Circuits Laboratory CO2010 (1)	Computer Networks CO3005 (3)	Communication Network Experiment CO3009 (1)		
	Intro to Computer Science I CO1001 (3)	Intro to Digital System Design CO1002 (3)	Engineering Mathematics III CO2008 (3)	Probability CO3003 (3)				
	Introduction to Computers Laboratory CO1005 (1)	Engineering Mathematics I CO1003 (3)		Signal and System CO3004 (3)				
		Digital Logic Circuit Labs. CO1006 (1)						

Total Semester Credit Hours	17	20	12	13	7	5	0	0

Notes	1. 本系同學畢業以前須自本系或資電學院開授課程中選修 18 學分始得畢業(不包含第一項之 18 學分)，並且依據「中央大學資電學院各系等同課程對照表」，等同課程科目重複修讀者，不列入畢業學分數。 1. Students must take 18 credit hours of courses from courses marked with an asterisk (*) in the course flow chart; courses taken must be from two categories. 2. Students must take 18 credit hours of electives offered by this Department or other departments within the College of Electrical Engineering and Computer Science before being permitted to graduate (the said 18 credit hours do not include the 18 credit hours specified in Article 1); moreover, equivalent courses listed in the University's *College of Electrical Engineering and Computer Science Table of Course Equivalencies* may not be counted toward the minimum number of credit hours required for a baccalaureate degree. 3. The minimum number of earned credit hours required for graduation is 134. 4. The numerical figures in parentheses refer to course credit hours; the calculation of semester hours shall not include credit hours earned from General Education courses or History. 5. First-year students may take Freshman English or other English courses offered by the English department to fulfill the University's foreign language course requirement. 6. Before being permitted to graduate, students must demonstrate their English proficiency by reaching a threshold score in one of the English proficiency tests recognized by the Language Center or by passing two semesters of Remedial English; credit hours thus earned may not be counted toward the minimum number required for a baccalaureate degree (for details, refer to the University's *Implementation Procedures for Freshman Foreign Language Courses* and *Implementation Procedures for Remedial English Courses*). 7. Students are required to receive a passing grade in Service Education in accordance with the University's *Service Education Implementation Procedures* before being permitted to graduate.