

MASTER PROGRAMS

INFORMATION AND COMMUNICATION ENGINEERING (2 YEARS)

OBJECTIVES

This program aims at providing graduates of electronic and information engineering, electrical engineering, telecommunications engineering, computer science and other related disciplines an opportunity for further study at postgraduate level. Students will embark on a broad choice of core subjects in multimedia technologies, telecommunications and electronic engineering that enable them to meet new challenges and tap new opportunities in relevant fields. Students can also acquire the latest technical know-how by registering for specialized subjects in a chosen area that focuses on the cutting-edge issues facing the engineering profession today. Students who have managerial responsibilities can take electives on business or management according to their interest and career needs.

PROGRAM SPECIALITY

- ① Key Discipline in SCUT;
- ② Group projects supported by a professional laboratory;
- ③ Industrial experience and exchange programs;
- ④ Distinguished alumni, such as TCL President Li Dongsheng.

CURRICULUM

	Course Title	Course Credit	Hours
Compulsory Courses	Signal and System	3.0	48
	Chinese Culture	2.0	32
	Basic Chinese	4.0	64
	Intercultural Communication	2.0	32
	Principles of Modern Communications	3.0	48
	Digital Signal Processing	3.0	48
	Embedded System Design	2.0	32
	Multi-antenna Signal Processing and MIMO Communications	2.0	32
	Information Hiding and Digital Investigation	2.0	32
	Computer Vision and Application	2.0	32
	Machine Learning for Speech Processing	2.0	32
	Machine Learning	2.0	32
	Wearable Systems	2.0	32