

## Available Programs for 2020 Spring Semester

### New Program:

#### FCU-SJSU Undergraduate 2+2 Program in Engineering

FCU-SJSU Undergraduate 2+2 Program in Electrical Engineering collaborates with San Jose State University and Silicon Valley companies to bring up-to-date technologies into curriculum and prepare students for all fields in the Electrical Engineering discipline.

In the 1<sup>st</sup> and 2<sup>nd</sup> year, students will study foundational and core courses in engineering at Feng Chia University. Upon completion of all program requirements in their first two years, students will continue their studies at San Jose State University in the 3<sup>rd</sup> and 4<sup>th</sup> year. SJSU Electrical Engineering curriculum covers semiconductor electronics, wireless communications, machine learning, image and signal processing, analog, digital and mixed signal circuits, embedded systems, control and robotics, power electronics and sustainable electric energy systems.

Upon successful completion of all program requirements, students will be awarded the following degrees:

- A. Bachelor of Engineering by FCU; and
- B. Bachelor of Science in Electrical Engineering by San Jose State University

Graduates of this program will be eligible to apply for the 12-month F-1 Optional Practical Training (OPT) visa as well as the 24-month OPT extension for STEM (Science, Technology, Engineering, or Mathematics) degree holders. OPT visa holders can only undertake work directly related to their major area of study.

Website: [https://www.istm.fcu.edu.tw/academicsdetail\\_en.php?id=2748](https://www.istm.fcu.edu.tw/academicsdetail_en.php?id=2748)

Phone: +886-4-24517250 ext.6620

E-mail: [istm@mail.fcu.edu.tw](mailto:istm@mail.fcu.edu.tw)

**Programs taught in English:**

Program	New Student			Transfer student	
	Bachelor	Master	PhD	Sophomore	Junior
<a href="#">RMIT-FCU 2+2 Bachelor's Program in Business and Innovation</a>	★			★	
<a href="#">SJSU-FCU 2+2 Bachelor's Program in Business Analytics</a>	★			★	
<a href="#">FCU-SJSU Undergraduate 2+2 Program in Engineering</a>	★				
<a href="#">Purdue -FCU 2+2 Bachelor's Program in Electrical and Computer Engineering</a>	★				
<a href="#">International Master Program for Smart City</a>		★			

● : Programs taught in Chinese

★ : Programs taught in English

▲ : Programs with courses partly taught in English

Program	New Student			Transfer student	
	Bachelor	Master	PhD	Sophomore	Junior
College of Engineering and Science					
<a href="#">Department of Mechanical and Computer-Aided Engineering</a>	●	▲		●	
<a href="#">Department of Fiber and Composite Materials</a>	●	▲	▲	●	●
<a href="#">Department of Industrial Engineering and Systems Management</a>	●	●	▲	●	
<a href="#">Department of Chemical Engineering</a>	●	▲	▲	●	●
<a href="#">Department of Aerospace and System Engineering</a>	●	▲		●	●
<a href="#">Bachelor's Program of Precision Systems Design</a>	●				
<a href="#">PhD Program of Mechanical and Aeronautical Engineering</a>			▲		

Program	New Student			Transfer student	
	Bachelor	Master	PhD	Sophomore	Junior
<a href="#">Master's Program of Electro-acoustics</a>		▲			
<a href="#">Master's Program of Green Energy Science and Technology</a>		▲			
<a href="#">Department of Applied Mathematics</a>	●	●		●	●
<a href="#">Department of Materials Science and Engineering</a>	●	▲	▲	●	●
<a href="#">Department of Environmental Engineering and Science</a>	●	▲	▲	●	●
<a href="#">Department of Photonics</a>	●	●		●	●
College of Business					
<a href="#">Department of Accounting</a>	▲	▲		▲	
<a href="#">Department of Public Finance</a>	▲	▲		▲	▲
<a href="#">Department of Cooperative Economics and Social Entrepreneurship</a>	▲	▲		▲	▲
<a href="#">Department of Statistics</a>		▲			▲
<a href="#">Business Data Analytics Division</a>	▲			▲	
<a href="#">Big Data Analytics and Market Decisions Division</a>	▲			▲	
<a href="#">Department of Economics</a>	●	▲		●	●
<a href="#">Department of Business Administration</a>	▲	▲		▲	▲
<a href="#">Department of Marketing</a>	▲			▲	
<a href="#">Master's Program, Graduate Institute of Financial and Economic Law</a>			●		
<a href="#">PhD Program of Business</a>	▲	▲		▲	
International School of Technology and Management					

Program	New Student			Transfer student	
	Bachelor	Master	PhD	Sophomore	Junior
<a href="#">RMIT-FCU 2+2 Bachelor's Program in Business and Innovation</a>	★			★	
<a href="#">SJSU-FCU 2+2 Bachelor's Program in Business Analytics</a>	★			★	
<a href="#">FCU-SJSU Undergraduate 2+2 Program in Engineering</a>	★				
<a href="#">Purdue-FCU 2+2 Bachelor's Program in Electrical and Computer Engineering</a>	★				
College of Finance					
<a href="#">Department of Finance</a>	●	●		●	●
<a href="#">Department of Risk Management and Insurance</a>	●	●		●	●
<a href="#">Bachelor's Program of Financial Engineering and Actuarial Science</a>	●			●	
<a href="#">PhD Program of Finance</a>			●		
College of Humanities and Social Sciences					
<a href="#">Department of Chinese Literature</a>	●	●	●	●	●
<a href="#">Department of Foreign Languages and Literature</a>	▲	▲		▲	
<a href="#">Master's Program, Graduate Institute of History and Historical Objects</a>		●			
<a href="#">Master's Program, Graduate Institute of Public Affairs and Social Innovation</a>		●			
College of Information and Electrical Engineering					
<a href="#">Department of Information Engineering and Computer Science</a>	●	▲	▲	●	●
<a href="#">Department of Electronic Engineering</a>	●	▲		●	●
<a href="#">Department of Electrical Engineering</a>	●	▲		●	
<a href="#">Department of Automatic Control Engineering</a>	●	▲		●	●

Program	New Student			Transfer student	
	Bachelor	Master	PhD	Sophomore	Junior
<a href="#">Department of Communications Engineering</a>	●	▲			
<a href="#">Undergraduate Program of Information and Electrical Engineering College</a>	●				
<a href="#">Master's Program of Biomedical Informatics and Biomedical Engineering</a>		▲			
<a href="#">PhD Program of Electrical and Communication Engineering</a>			▲		
College of Construction and Development					
<a href="#">Department of Civil Engineering</a>	●	▲		●	●
<a href="#">Department of Water Resources Engineering and Conservation</a>	●	▲		●	●
<a href="#">Department of Urban Planning and Spatial Information</a>	●	●			
<a href="#">Department of Transportation and Logistics</a>	▲	▲		▲	▲
<a href="#">Department of Land Management</a>	●	●		●	●
<a href="#">International Master Program for Smart City</a>		★			
<a href="#">PhD Program for Civil Engineering, Water Rescouces Engineering, and Infrastructure Planning</a>			▲		
School of Architecture					
<a href="#">General Program, School of Architecture</a>	●			●	
<a href="#">Bachelor's Program of Architecture</a>					●
<a href="#">Bachelor's Program of Interior Design</a>					●
<a href="#">Bachelor's Program of Innovation Design</a>					●
<a href="#">Master's Program of Architecture</a>		▲			