



Introduction

The School of Chemistry and Chemical Engineering (SCCE) was founded in 1928 as the Chemistry Department of SJTU. Since that time, SCCE has grown into a school pioneering in new discoveries and cutting-edge technologies. In recent years, SCCE has developed rapidly and made steady progress in many areas. The main building of SCCE, with 20,000 m², accommodates a variety of state-of-the-art equipment and facilities. SCCE's vibrant faculty and programs attest to the School's long-standing place among leaders in higher education in the field of Chemistry and Chemical Engineering. SCCE combines the advantage of small degree programs and extensive resources of a major research university. The outstanding senior faculty members teach both undergraduate and graduate level courses.

School of Chemistry and Chemical Engineering

Degree Programs

Bachelor Degrees	Applied Chemistry
	Chemical Engineering and Technology
Master Degrees	Chemistry
	Chemical Engineering and Technology
Ph.D. Degrees	Chemistry
	Applied Chemistry

Students and Faculty

Number of Students	Undergraduate Students	280
	Postgraduate Students	330
	PhD Students	260
	International Students	24
Bachelor Degrees	Professors	53
	Associate Professors	40
	Assistant Professors	14
	Staffs	40

Three Departments	Department of Polymer Science and Engineering
	Department of Chemical Engineering
	Department of Chemistry
Seven Institutes	Institute of Chiral Chemistry and Technology
	Research Institute of Fine Chemicals
	Institute of Electrochemical Engineering and Energy Technology
	Institute of Polymer Science
	Advanced Rheology Institute
	Institute of Power Battery Material
Two Centers	Hirano Materials Innovation Institute
	Central Analytical Lab
Two National Core Labs	Fundamental Chemistry Experiment Center
	Shanghai Key Lab of Electric Insulation and Thermal Aging
	SJTU-Hitachi Chemical Research Center



Research Fields

- > Inorganic Synthesis and Preparative Chemistry
- > Materials Chemistry
- > Inorganic Nano-Materials and Chiral Mesoporous Materials
- > Supra-Molecular Chemistry
- > Organo-Metallic Chemistry
- > Asymmetric Catalysis and Synthesis Chiral Ligands
- > Bioanalytical Chemistry and Metabolic Chemistry
- > Molecular Modeling and Computational Chemistry
- > Method and Application of the Quantum Chemistry of Heavy Atom System
- > Density Functional Theory Method and Application
- > Polymer Self-assembly
- > Polymer Rheology
- > Rubber Processing and Product
- > Polymer Composites
- > Electrochemical Engineering and Energy Storage Battery Technology
- > Catalytic Reaction Engineering and New Energy Chemical Industry
- > Green Chemical Technology
- > Metal Corrosion and Protection Technology Development
- > Environmental Protection and Comprehensive Utilization



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