



Introduction

The School of Chemistry and Chemical Engineering (SCCE) was founded in 1928 as the Chemistry Department of SJTU. After years of development, SCCE has grown into a college pioneering in many fields with cutting-edge technologies, and has done an excellent job in world rankings. In terms of Essential Science Indicators, SCCE are among the top one thousandth; in terms of QS Rankings, ranked top 100 in Chemistry and in Chemical Engineering and Technology. In 2017, 2 disciplines of SCCE, Chemistry and Chemical Engineering, were selected in the "Double First-Class" selection. The main building of SCCE covers a floorage of 20,000 m² and accommodates a variety of state-of-the-art equipment and facilities. With its vibrant faculty and diversified programs, the School has been one of the long-standing educators in the field of chemistry and chemical engineering, featuring the combination of mature degree programs and abundant resources of a world-class university. Here you could see outstanding senior professors guide both undergraduate and graduate students.

School of Chemistry and Chemical Engineering

Degree Programs

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

Students and Faculty

Number of Students	Undergraduate Students	287
	Master Students	273
	PhD Students	344
	International Students	58
Number of Faculty	Professors	46
	Associate Professors	61
	Assistant Professors	25
	Staffs	190



Three Departments	Department of Chemistry
	Department of Chemical Engineering
	Department of Polymer Science and Engineering
MOE Scientific & Research Center	Revolutionary Molecules Scientific Center (Preparing)
Provincial Key Labs	Shanghai Key Lab of Electrical Insulation & Thermal Aging
	Shanghai Key Laboratory for Molecular Engineering of Chiral Drugs
	Self-Assembly and Functional Materials, Shanghai Municipal Education Commission
	Shanghai Electrochemical Energy Devices Research Center
Supporting Facilities	Electrochemical Energy System and Application Research Center of Universities in Shanghai
	Central Analytical Lab
	Experiment Education Center
	Administration Office



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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